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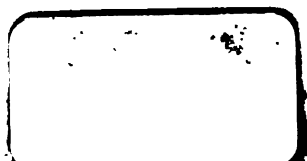
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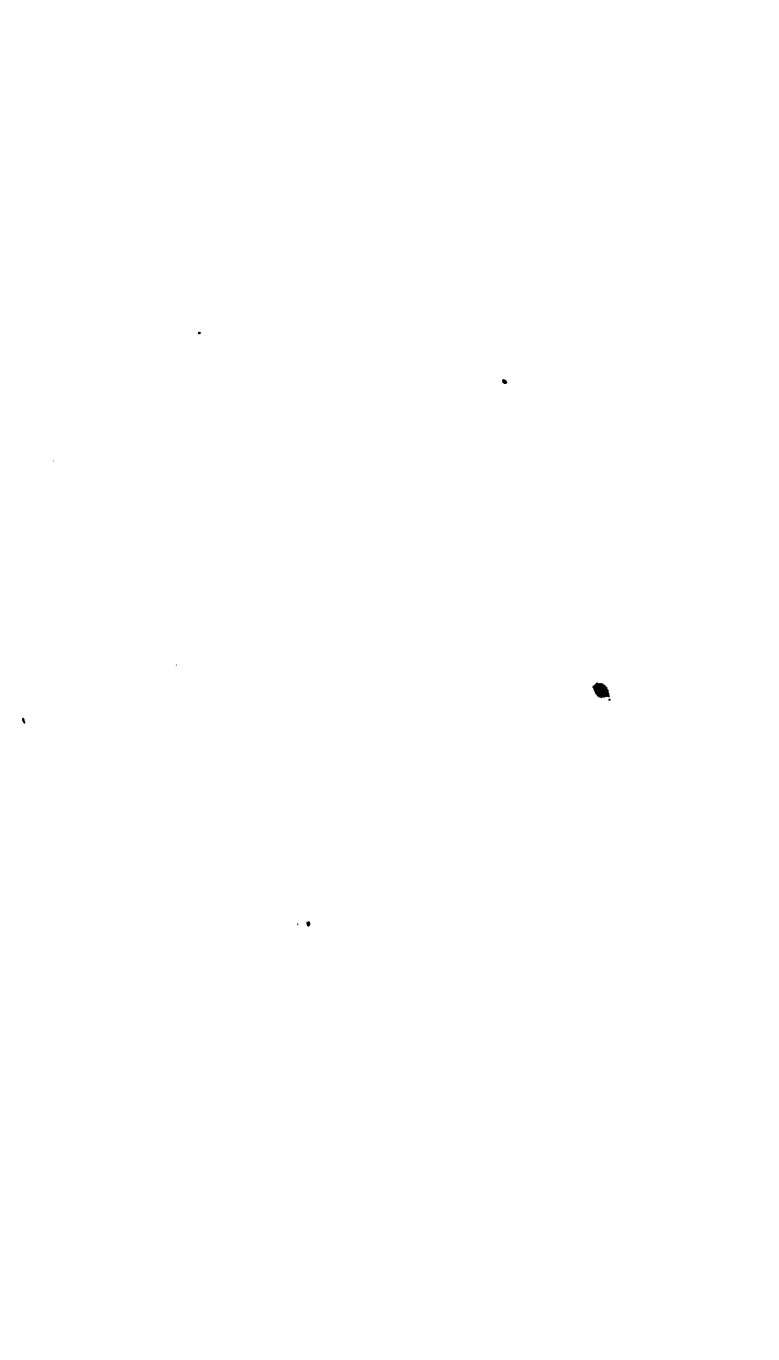
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RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1800.

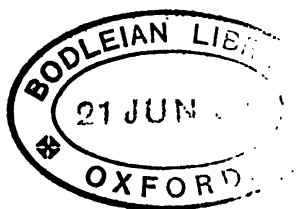
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LONDON:

AND PUBLISHED BY THE AUTHOR
1803.

Price One Shilling.



RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANET'S PLACES

For 1800.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's			Herschel.		Saturn.		Jupiter.	
	Semidia.			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	''	°	'	°	'	°	'
1	16	15		0 N 46	1 N 43	0 N 40	18 N 45	0 S 19	23 N 2
4	16	15		0 46	1 44	0 40	18 49	0 19	23 1
7	16	16		0 46	1 45	0 41	18 53	0 18	23 1
10	16	16		0 46	1 45	0 41	18 57	0 18	23 1
13	16	17		0 46	1 46	0 41	19 1	0 17	23 1
16	16	17		0 46	1 46	0 41	19 5	0 17	23 0
19	16	17		0 46	1 47	0 42	19 9	0 16	23 0
22	16	18		0 47	1 48	0 42	19 13	0 16	22 59
25	16	18		0 47	1 49	0 43	19 17	0 15	22 59
28	16	18		0 47	1 51	0 43	19 20	0 15	22 59
31	16	18		0 47	1 53	0 43	19 24	0 15	22 59

D M	D W	Sidereal Time.			☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H.	M.	S.	°	'	°	'	°	'
1	W	18	43	35	10 w 56	31 23 S	1 24 x 45	3 S 14	5 S 3	27 w 27
2	Th	18	47	31	11 57	43 22	56 6 r 59	2 20	0 N 38	27 27
3	F	18	51	28	12 58	54 22	50 18	58 1	20 6	12 27 R 27
4	S	18	55	24	14 0	5 22	44 0 s 49	0 18	11 30	27 26
5	S	18	59	21	15 1	15 22	37 12	36 0 N 45	16 21	27 26
6	M	19	3	18	16 2	25 22	30 24	24 1	46 20	36 27 26
7	Tu	19	7	14	17 3	34 22	23 6	□ 19	2 42	24 3 27 25
8	W	19	11	11	18 4	42 22	15 18	24 3	32 26	29 27 25
9	Th	19	15	7	19 5	50 22	6 0 s 41	4 13	27 41	27 25
10	F	19	19	4	20 6	58 21	57 13	13 4	42 27	29 27 24
11	S	19	23	0	21 8	5 21	48 25	58 4	58 25	51 27 24
12	S	19	26	57	22 9	12 21	39 8	Ω 58	4 59	22 51 27 23
13	M	19	30	53	23 10	19 21	28 22	10 4	44 18	37 27 22
14	Tu	19	34	50	24 11	25 21	18 5 w 38	4 13	13 24	27 22
15	W	19	38	47	25 12	30 21	7 19	6 3	28 7	30 27 21
16	Th	19	42	43	26 13	36 20	56 2 s 47	2 30	1 11	27 20
17	F	19	46	40	27 14	41 20	44 16	37 1	23 5 S	16 27 20
18	S	19	50	36	28 15	46 20	32 0 m 36	0 10	11 32	27 19
19	S	19	54	33	29 16	51 20	19 14	42 18	4 17	17 27 18
20	M	19	58	29	0 m 17	55 20	7 28	56 2	15 22	8 27 17
21	Tu	20	2	26	1 18	58 19	53 13	7 16	3 18	25 41 27 16
22	W	20	6	22	2 20	1 19	40 27	38 4	8 27	35 27 15
23	Th	20	10	19	3 21	4 19	26 11 w 58	4 42	27 37	27 14
24	F	20	14	16	4 22	5 19	11 26	10 4	59 25	50 27 13
25	S	20	18	12	5 23	6 18	57 10 m 9	4 57	22 29	27 12
26	S	20	22	9	6 24	6 18	42 23	48 4	38 17	58 27 11
27	M	20	26	5	7 25	4 18	26 7 x 6	4 4	12 41	2 27 10
28	Tu	20	30	2	8 26	2 18	11 20	2 3	19 7	0 27 8
29	W	20	33	58	9 26	58 17	55 2 r 36	2 24	1 11	27 7
30	Th	20	37	55	10 27	53 17	38 14	51 1	25 4 N	33 27 5
31	F	20	41	51	11 28	46 17	21 26	52 0	22 10	2 27 3

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	"	°	'	°	'	°	'
1	16 15	0 N 47	1 N 54	0 N 44	19 N 26	0 S 14	22 N 59
4	16 15	0 47	1 57	0 44	19 30	0 14	22 59
7	16 14	0 47	2 0	0 44	19 34	0 13	22 59
10	16 14	0 47	2 2	0 44	19 38	0 13	23 0
13	16 13	0 47	2 4	0 45	19 41	0 12	23 0
16	16 12	0 47	2 7	0 45	19 44	0 12	23 1
19	16 11	0 47	2 9	0 45	19 48	0 11	23 1
22	16 11	0 48	2 11	0 45	19 51	0 11	23 2
25	16 10	0 48	2 14	0 45	19 54	0 10	23 2
28	16 10	0 48	2 17	0 45	19 57	0 10	23 3

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	S	20 45 48	12 ^m 29 38	17 S 5	8 43	0 N 41	15 N 4	27 ^m 1
2	S	20 49 45	13 30 29	16 47	20 31	1 42	19 32	26 ^m 59
3	M	20 53 41	14 31 17	16 30	21 21	2 38	23 14	26 57
4	Tu	20 57 38	15 32 5	16 12	14 17	3 29	26 0	26 56
5	W	21 1 34	16 32 50	15 54	26 26	4 10	27 35	26 54
6	Th	21 5 31	17 33 34	15 35	8 ^m 51	4 41	27 50	26 53
7	F	21 9 27	18 34 16	15 17	21 33	4 58	26 39	26 52
8	S	21 13 24	19 34 57	14 58	4 ^m 34	5 12	4 0	26 50
9	S	21 17 20	20 35 37	14 39	17 54	4 48	20 2	26 48
10	M	21 21 17	21 36 15	14 19	1 ^m 30	4 18	14 58	26 45
11	Tu	21 25 14	22 36 51	14 0	15 19	3 32	9 3	26 43
12	W	21 29 10	23 37 27	13 40	29 17	2 34	2 38	26 41
13	Th	21 33 7	24 38 1	13 20	13 ^m 21	1 25	3 58	26 39
14	F	21 37 3	25 38 34	12 59	27 28	0 11	10 25	26 37
15	S	21 41 0	26 39 5	12 39	11 ^m 36	1 S 4	16 21	26 35
16	S	21 44 56	27 39 35	12 18	25 42	2 15	21 24	26 33
17	M	21 48 53	28 40 5	11 57	9 ^m 48	3 18	25 12	26 31
18	Tu	21 52 50	29 40 32	11 36	23 50	4 8	27 27	26 29
19	W	21 56 46	0 ^m 40 59	11 15	7 ^m 49	4 44	27 58	26 27
20	Th	22 0 43	1 41 24	10 53	21 41	5 2	26 41	26 24
21	F	22 4 39	2 41 48	10 31	5 ^m 24	5 3	23 50	26 21
22	S	22 8 36	3 42 10	10 10	18 56	4 47	19 42	26 19
23	S	22 12 32	4 42 30	9 48	2 ^m 14	4 15	14 39	26 16
24	M	22 16 29	5 42 49	9 26	15 15	3 31	9 3	26 14
25	Tu	22 20 25	6 43 6	9 3	27 59	2 36	3 11	26 11
26	W	22 24 22	7 43 41	8 41	10 ^m 26	1 36	2 N 40	26 9
27	Th	22 28 18	8 43 34	8 18	22 38	0 31	8 20	26 7
28	F	22 32 15	9 43 45	7 56	4 ^m 38	0 N 33	13 36	26 6

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0° 8' 15"	23° 8' 41"	2° 12'	21° 8' 16"	0° 8' 49"	22° 8' 29"	1° 8' 34"
4	0° 17'	23° 45'	2° 3'	21° 24'	1° 8'	22° 0'	1° 15'
7	0° 20'	23° 48'	1° 51'	21° 30'	1° 26'	21° 24'	1° 5'
10	0° 22'	23° 48'	1° 40'	21° 28'	1° 39'	20° 34'	0° 56'
13	0° 25'	23° 47'	1° 29'	21° 24'	1° 52'	19° 31'	0° 46'
16	0° 27'	23° 43'	1° 18'	21° 13'	2° 1'	18° 18'	0° 37'
19	0° 30'	23° 38'	1° 6'	20° 55'	2° 6'	16° 48'	0° 27'
22	0° 33'	23° 30'	0° 54'	20° 33'	2° 8'	15° 7'	0° 18'
25	0° 35'	23° 21'	0° 44'	20° 6'	2° 5'	13° 15'	0° 8'
28	0° 38'	23° 10'	0° 35'	19° 33'	1° 59'	11° 10'	29° 59'

[illegible]

MARCH XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 10	0 N 48	2 N 19	0 N 46	19 N 58	0 S 9	23 N 3
4	16 9	0 48	2 22	0 46	20 0	0 9	23 5
7	16 8	0 48	2 26	0 46	20 2	0 8	23 6
10	16 8	0 48	2 29	0 46	20 4	0 8	23 7
13	16 7	0 48	2 32	0 46	20 6	0 8	23 8
16	16 6	0 48	2 34	0 46	20 8	0 8	23 10
19	16 5	0 48	2 37	0 46	20 9	0 7	23 11
22	16 4	0 48	2 39	0 46	29 10	0 7	23 12
25	16 3	0 48	2 42	0 46	20 11	0 6	23 13
28	16 3	0 48	2 46	0 46	20 12	0 6	23 14
31	16 2	0 48	2 49	0 46	20 13	0 5	23 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	22 36 12	10 43 54	7 S 33	16 29	1 N 36	18 N 19	26 2
2	S	22 40 8	11 44 1	7 10 28	18 18	2 34	22 19	26 0
3	M	22 44 5	12 44 5	6 47 10	17 7	3 26	25 24	25 57
4	Tu	22 48 1	13 44 7	6 24 22	4 4	4 10	27 23	25 55
5	W	22 51 58	14 44 7	6 1 45	13 13	4 43	28 7	25 52
6	Th	22 55 54	15 44 5	5 38 16	39 5	4 27	27 27	25 49
7	F	22 59 51	16 44 0	5 15 29	24 5	10 25	21 25	25 47
8	S	23 3 47	17 43 53	4 51 12	23 3	5 02	11 51	25 44
9	S	23 7 44	18 43 44	4 28 26	4 4	3 17	8 25	25 41
10	M	23 11 40	19 43 33	4 4 9	57 4	3 51	11 25	25 39
11	Tu	23 15 37	20 43 20	3 41 24	8 2	53 4	59 25	25 36
12	W	23 19 34	21 43 5	3 17 8	33 1	43 18	49 25	25 33
13	Th	23 23 30	22 42 49	2 54 23	4 0	26 8	34 25	25 31
14	F	23 27 27	23 42 30	2 30 7	37 0	53 14	54 25	25 28
15	S	23 31 23	24 42 10	2 6 22	6 2	9 20	23 25	25 25
16	S	23 35 20	25 41 48	1 43 6	28 3	16 24	38 25	25 23
17	M	23 39 16	26 41 24	1 19 20	39 4	10 27	17 25	25 21
18	Tu	23 43 13	27 40 59	0 55 3	38 4	48 28	11 25	25 19
19	W	23 47 9	28 40 32	0 32 18	24 5	9 27	18 25	25 16
20	Th	23 51 6	29 40 3	0 8 1	58 5	13 24	49 25	25 14
21	F	23 55 3	0 39 33	0 N 16	15 18	4 59	21 1	25 11
22	S	23 58 59	1 39 0	0 39 28	24 4	30 16	15 25	25 8
23	S	0 2 56	2 38 26	1 3 11	17 3	47 10	50 25	25 6
24	M	0 6 52	3 37 51	1 27 23	57 2	54 5	4 25	25 3
25	Tu	0 10 49	4 37 13	1 50 6	34 1	54 0	N 48	25 0
26	W	0 14 45	5 36 33	2 14 18	39 0	49 6	34 24	25 57
27	Th	0 18 42	6 35 50	2 37 0	44 0	N 18	12 1	24 54
28	F	0 22 38	7 35 6	3 1 12	39 1	23 16	58 24	25 51
29	S	0 26 35	8 34 20	3 24 24	29 2	24 21	14 24	24 49
30	S	0 30 32	9 33 31	3 47 6	17 3	19 24	38 24	24 47
31	M	0 34 28	10 32 39	4 11 18	7 4	5 27	0 24	24 44

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 39	23 8 5	0 N 29	19 8 21	1 S 55	10 8 26	0 8 5
4	0 42	22 51	0 18	18 39	1 43	8 6	29 r 55
7	0 44	22 35	0 7	17 58	1 25	5 33	29 46
10	0 47	22 17	0 8 3	17 6	1 0	2 53	29 36
13	0 50	21 56	0 13	16 16	0 34	0 6	29 27
16	0 53	21 34	0 23	15 16	0 4	2 N 43	29 17
19	0 56	21 10	0 32	14 18	0 N 34	5 29	29 8
22	0 59	20 44	0 41	13 10	1 14	8 4	28 58
25	1 1	20 17	0 49	12 5	1 47	10 24	28 49
28	1 3	19 48	0 56	10 51	2 23	12 18	28 39
31	1 6	19 17	1 4	9 29	2 48	13 44	28 30

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	♂	♂	♂	♀	♀	♀
	°	'	°	'		°	'	°	'	°	'	°
1	4 14	21 14	16 32	1 38	7 x 49					Δ		
2	4 11	21 51	17 15	2 49	9 41			Δ	*		Δ	
3	4 8	21 54	17 58	4 11	34	♀ ♂ ♀	☐					☐
4	4 5	21 57	18 42	5 13	28	☉ ♂ ♀	☐		♂			
5	4 2	22 1	19 25	6 25	23							
6	3 59	22 4	20 8	7 37	17		Δ	*	♂		♂	Δ
7	3 56	22 8	20 52	8 49	15			*	♂		♂	
8	3 54	22 12	21 35	10 1	12	♀ * ♂					♂	
9	3 51	22 17	22 19	11 13	23	♀ ☐ ♀				*		
10	3 48	22 21	23 3	12 25	25	♀ ♂ ♀						
11	3 45	22 26	23 46	13 37	27	6	♂	♂		☐	Δ	♂
12	3 42	22 30	24 30	14 49	29	5			*		Δ	
13	3 40	22 35	25 14	16 1	1 r 4	☉ ☐ ♀				Δ	☐	
14	3 37	22 40	25 57	17 18	3	♀ Δ ♀			☐			
15	3 35	22 45	26 41	18 25	5	0	Δ	*			*	☐
16	3 33	22 50	27 24	19 37	6	56	☉ ♂ ♀		Δ			Δ
17	3 31	22 56	28 8	20 49	8	50	☐	☐		♂		*
18	3 29	23 1	28 51	22 1	10	43						☐
19	3 27	23 7	29 35	23 14	12	34	♀ Δ ♀					
20	3 26	23 13	0 m 19	24 26	14	22	*	Δ	♂		♂	
21	3 24	23 20	1 2	25 38	16	7						*
22	3 23	23 26	1 46	26 51	17	48				Δ	♂	
23	3 21	23 33	2 30	28 3	19	25	☉ * ♂					
24	3 20	23 39	3 14	29 15	20	58	☉ Δ ♀	♂		☐		
25	3 19	23 46	3 58	0 x 28	22	27	♂ ♂ ♀	♂	Δ		*	
26	3 18	23 53	4 42	1 40	23	51	♀ * ♀			*		♂
27	3 17	24 0	5 25	2 53	25	8			☐		☐	*
28	3 16	24 7	6 9	4 5	26	19						
29	3 15	24 14	6 52	5 18	27	25		Δ				
30	3 14	24 22	7 36	6 30	28	24	*	*		Δ	☐	
31	3 14	24 29	8 20	7 43	29	17						

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.			
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.		
	'	"	°	'	°	'	°	'	°	'
1	16	1	0 N 48	2 N 50	0 N 46	20 N 13	0 S 5	23 N 16		
4	16	0	0 48	2 53	0 46	20 13	0 5	23 18		
7	15	59	0 48	2 56	0 47	20 13	0 4	23 19		
10	15	58	0 48	3 0	0 47	20 13	0 4	23 20		
13	15	58	0 47	3 2	0 47	20 12	0 4	23 21		
16	15	57	0 47	3 4	0 47	20 11	0 4	23 22		
19	15	56	0 47	3 6	0 47	20 10	0 3	23 23		
22	15	56	0 47	3 8	0 47	20 9	0 3	23 24		
25	15	55	0 47	3 10	0 47	20 7	0 2	23 25		
28	15	54	0 47	3 12	0 47	20 5	0 2	23 26		

D M	D W	Sidereal Time.	☉		♄		♃		♅
			Long.	Declin	Long.	Lat.	Declin	Long.	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	Tu	0 38 25	11 r 31 46	4 N 34	0 35 3	4 N 41	28 N 9	24 m 42	
2	W	0 42 21	12 30 49	4 57	12 11	5 6	27 59	24 R 40	
3	Th	0 46 18	13 29 51	5 20	24 34	5 16	26 25	24 37	
4	F	0 50 14	14 28 50	5 43	7 17	5 12	23 30	24 35	
5	S	0 54 11	15 27 47	6 6	20 23	4 52	19 19	24 32	
6	S	0 58 7	16 26 42	6 28	3 m 55	4 15	14 3	24 30	
7	M	1 2 4	17 25 34	6 51	17 53	3 23	7 54	24 27	
8	Tu	1 6 1	18 24 24	7 13	0 15	2 16	1 11	24 25	
9	W	1 9 57	19 23 12	7 36	16 55	0 58	5 S 45	24 23	
10	Th	1 13 54	20 21 58	7 58	1 m 48	0 S 24	12 30	24 20	
11	F	1 17 50	21 20 43	8 20	16 46	1 45	18 33	24 18	
12	S	1 21 47	22 19 25	8 42	1 f 41	2 59	23 27	24 16	
13	S	1 25 43	23 18 5	9 4	16 24	4 0	26 45	24 14	
14	M	1 29 40	24 16 45	9 25	0 v 52	4 44	28 12	24 11	
15	Tu	1 33 36	25 15 22	9 47	15 0	5 10	27 46	24 9	
16	W	1 37 33	26 13 58	10 8	28 48	5 18	25 36	24 7	
17	Th	1 41 29	27 12 32	10 29	12 m 14	5 7	22 4	24 4	
18	F	1 45 26	28 11 5	10 50	25 21	4 41	17 30	24 2	
19	S	1 49 23	29 9 36	11 11	8 x 10	4 1	12 14	24 0	
20	S	1 53 19	0 8 6	11 32	20 45	3 11	6 35	23 58	
21	M	1 57 16	1 6 33	11 52	3 r 6	2 12	0 47	23 57	
22	Tu	2 1 12	2 5 0	12 13	15 17	1 7	4 N 59	23 55	
23	W	2 5 9	3 3 24	12 33	27 20	0 1	10 31	23 53	
24	Th	2 9 5	4 1 47	12 53	9 15	1 N 5	15 37	23 51	
25	F	2 13 2	5 0 8	13 12	21 6	2 7	20 6	23 49	
26	S	2 16 58	5 58 27	13 32	2 11 55	3 4	23 47	23 48	
27	S	2 20 55	6 56 44	13 51	14 44	3 53	26 27	23 46	
28	M	2 24 52	7 54 59	14 10	26 35	4 32	27 58	23 45	
29	Tu	2 28 48	8 53 13	14 29	8 33	5 0	28 11	23 43	
30	W	2 32 45	9 51 24	14 47	20 40	5 15	27 3	23 41	

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 8	19 8 7	18 6	9 8 15	2 N 53	14 N 11	28 r 27
4	1 11	18 35	1 12	7 58	3 8	14 59	28 18
7	1 14	17 59	1 18	6 39	3 10	15 15	28 8
10	1 17	17 23	1 23	5 17	3 0	14 54	27 59
13	1 20	16 46	1 27	3 56	2 37	14 10	27 49
16	1 23	16 7	1 30	2 31	2 0	12 58	27 40
19	1 26	15 28	1 33	1 8	1 17	11 32	27 30
22	1 29	14 48	1 35	0 N 18	0 22	9 48	27 21
25	1 32	14 7	1 37	1 41	0 24	8 38	27 11
28	1 35	13 24	1 38	3 15	1 11	7 8	27 2

D	h	μ	♂	♀	♀	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	♂	h	μ	♂	♀	♀
	° /	° /	° /	° /	° /								
1	3 Q 14	24 37	9 m 4	8 x 56	0 x 2								*
2	3 R 14	24 45	9 47	10 9	0 47	μ ☐ ♄	☐					Δ	
3	3 14 24	53 10	31 11	21 1	20			*					☐
4	3 D 14	25 11	15 12	34 1	40				♂			♂	
5	3 14 25	10 11	59 13	46 1	56		Δ			*			
6	3 14 25	18 12	43 14	59 2	8								Δ
7	3 14 25	27 18	27 16	12 2	R 16							♂	
8	3 14 25	36 14	11 17	24 2	16			♂	*	☐			
9	3 15 25	45 14	55 18	37 2	8		♂				Δ		
10	3 15 25	54 15	39 19	50 1	53					☐	Δ		♂
11	3 16 26	3 16	23 21	2 1	33							☐	Δ
12	3 17 26	12 17	7 22	15 1	9				*	Δ			
13	3 18 26	21 17	51 23	28 0	41							*	
14	3 19 26	30 18	35 24	40 0	9	♀ ♂ ♄	Δ	☐			♂		☐
15	3 20 26	40 19	19 25	53 29	r 33								Δ
16	3 21 26	49 20	3 27	6 28	52	♀ ☐ μ	☐	Δ	♂			*	☐
17	3 23 26	59 20	47 28	18 28	11	☉ * μ							
18	3 24 27	9 21	31 29	31 27	29	☉ ☿ ♀	*			Δ	♂		*
19	3 26 27	19 22	14 0	r 44	26	♀ * μ							
20	3 28 27	29 22	58 1	56 26	6			♂					
21	3 30 27	39 23	42 3	9 25	26	♀ Δ h				Δ	☐		♂
22	3 32 27	49 24	26 4	22 24	47	♀ * ♂							
23	3 34 28	0 25	10 5	35 24	11	☉ ☐ h					*	*	♂
24	3 36 28	10 25	54 6	48 23	38		♂		☐				
25	3 38 28	20 26	38 8	1 23	9			Δ			☐		
26	3 40 28	30 27	22 9	14 22	44				*				
27	3 43 28	41 28	6 10	27 22	23							*	
28	3 45 28	52 28	50 11	40 22	6	♂ Δ μ		☐		♂	Δ		*
29	3 48 29	3 29	34 12	53 21	58		*					☐	
30	3 50 29	14 0	x 18	14 6	21	46		*					☐

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 47	3 N 14	0 N 47	20 N 4	0 S 2	23 N 27
4	15	54	0 47	3 16	0 47	20 2	0 2	23 27
7	15	53	0 47	3 18	0 47	19 59	0 1	23 27
10	15	52	0 47	3 19	0 47	19 56	0 1	23 27
13	15	51	0 46	3 19	0 47	19 54	0 0	23 27
16	15	51	0 46	3 20	0 47	19 51	0 0	23 27
19	15	50	0 46	3 20	0 47	19 48	0 0	23 27
22	15	50	0 46	3 21	0 47	19 45	0 0	23 26
25	15	49	0 46	3 21	0 47	19 41	0 N 1	23 25
28	15	49	0 46	3 22	0 47	19 37	0 1	23 24
31	15	48	0 46	3 22	0 47	19 33	0 1	23 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♅ Long.
		H. M. s.	°	'	°	'	°	'
1	Th	2 36 41	10 49 32	15 N 5	3 2 2	5 N 15	24 N 37	23 40
2	F	2 40 38	11 47 39	15 23	15 41	5 120	56	23 39
3	S	2 44 34	12 45 44	15 41	28 41	4 31	16 10	23 37
4	S	2 48 31	13 43 47	15 59	12 7	3 45	10 30	23 35
5	M	2 52 27	14 41 48	16 16	25 59	2 46	4 8	23 33
6	Tu	2 56 24	15 39 47	16 33	10 17	1 34	2 38	23 32
7	W	3 0 21	16 37 44	16 50	25 0	0 14	9 28	23 31
8	Th	3 4 17	17 35 40	17 6	10 0	1 8	9 15	23 30
9	F	3 8 14	18 33 34	17 22	25 22	2 27	21 28	23 29
10	S	3 12 10	19 31 27	17 38	10 24	3 35	25 35	23 28
11	S	3 16 7	20 29 18	17 54	25 27	4 28	27 51	23 27
12	M	3 20 3	21 27 8	18 9	10 13	5 128	4	23 26
13	Tu	3 24 0	22 24 57	18 24	24 36	5 14	26 23	23 25
14	W	3 27 56	23 22 45	18 38	8 32	5 9	23 7	23 25
15	Th	3 31 53	24 20 31	18 53	22 1	4 46	18 41	23 24
16	F	3 35 50	25 18 17	19 7	5 6	4 9	13 31	23 23
17	S	3 39 46	26 16 2	19 20	17 48	3 20	7 54	23 23
18	S	3 43 43	27 13 45	19 34	0 12	2 23	2 7	23 22
19	M	3 47 39	28 11 28	19 47	12 22	1 21	3 N 39	23 22
20	Tu	3 51 36	29 9 10	20 0	24 23	0 16	9 13	23 21
21	W	3 55 32	0 6 50	20 12	6 16	0 N 49	14 24	23 21
22	Th	3 59 29	1 4 30	20 24	18 6	1 51	19 1	23 20
23	F	4 3 25	2 2 8	20 36	29 54	2 49	22 54	23 20
24	S	4 7 22	3 59 45	20 47	11 43	3 39	25 50	23 19
25	S	4 11 19	3 57 21	20 58	23 35	4 10	27 38	23 19
26	M	4 15 15	4 54 56	21 8	5 32	4 49	28 10	23 19
27	Tu	4 19 12	5 52 30	21 19	17 35	5 6	27 22	23 18
28	W	4 23 8	6 50 2	21 29	29 48	5 10	25 15	23 18
29	Th	4 27 5	7 47 33	21 38	12 12	4 59	21 56	23 D 18
30	F	4 31 1	8 45 2	21 47	24 61	4 33	17 33	23 18
31	S	4 34 58	9 42 30	21 56	7 48	3 54	12 16	23 18

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	18 38	12 S 39	18 38	4 N 31	18 52	6 N 45	26 r 51
4	1 41	11 55	1 37	6 5	2 24	6 21	26 41
7	1 44	11 9	1 37	7 18	2 51	6 21	26 32
10	1 47	10 23	1 35	8 40	3 7	6 40	26 22
13	1 49	9 37	1 33	10 0	3 18	7 21	26 13
16	1 52	8 50	1 30	11 16	3 19	8 23	26 3
19	1 55	8 2	1 27	12 34	3 17	9 27	25 54
22	1 58	7 14	1 23	13 46	3 7	10 50	25 44
25	2 0	6 25	1 18	14 58	2 52	12 21	25 35
28	2 2	5 37	1 12	16 3	2 33	14 2	25 25
31	2 5	4 48	1 7	17 13	2 8	15 42	25 16

D M	h ₂		♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♀
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "		° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	32 53	29 11 25	1 * 15 r 19	21 r 44						♂				
2	3 56	29 36	1 45	16 31	21 44			☐					Δ	Δ
3	3 59	29 47	2 29	17 44	21 51					*	♂			
4	4 2	29 58	3 13	18 57	22 5			Δ						
5	4 5	0 25 10	3 57	20 10	22 23				♂		☐			
6	4 8	0 21	4 41	21 22	22 44					*				
7	4 12	0 33	5 24	22 36	23 7						Δ		♂	♂
8	4 15	0 44	6 8	23 49	23 34						☐		Δ	
9	4 19	0 56	6 51	25 22	24 7			♂	*					
10	4 22	1 8	7 35	26 15	24 47						Δ			
11	4 26	1 20	8 18	27 28	25 30						☐		♂	Δ
12	4 30	1 32	9 2	28 41	26 15								*	Δ
13	4 34	1 44	9 45	29 54	27 2			Δ	Δ		♂			☐
14	4 39	1 56	10 29	18 7	27 53	☉ Δ ☿								
15	4 42	2 8	11 12	2 20	28 48	♀ * ♃		☐						
16	4 47	2 20	11 56	3 33	29 48							Δ	*	*
17	4 51	2 32	12 39	4 46	0 50	♀ ☐ ♃				♂			♂	
18	4 55	2 44	13 23	5 59	1 54			*			Δ	☐		
19	5 0	2 56	14 6	7 12	3 1	♂ * ♃								
20	5 5	3 8	14 49	8 25	4 11									
21	5 9	3 21	15 33	9 38	5 24	♂ ☐ ♃					☐	*	♂	♂
22	5 14	3 33	16 16	10 51	6 41								*	
23	5 18	3 46	17 0	12 4	8 0			♂	Δ	*				
24	5 23	3 58	17 49	13 17	9 21									
25	5 28	4 11	18 26	14 30	10 44						☐			
26	5 33	4 23	19 9	15 43	12 10							♂		
27	5 38	4 36	19 52	16 56	13 39	☉ * ♃							Δ	*
28	5 43	4 49	20 35	18 9	15 11					*	♂			
29	5 48	5 2	21 18	19 22	16 45			*						☐
30	5 53	5 15	22 1	20 35	18 22									
31	5 58	5 28	22 44	21 48	20 1			☐			*			

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 46	3 N 22	0 N 47	19 N 32	0 N 2	23 N 22
4	15	48	0 46	3 21	0 47	19 28	0 2	23 20
7	15	47	0 46	3 20	0 47	19 24	0 2	23 19
10	15	47	0 46	3 20	0 47	19 20	0 2	23 17
13	15	46	0 45	3 19	0 47	19 15	0 3	23 15
16	15	46	0 45	3 18	0 47	19 10	0 3	23 13
19	15	46	0 45	3 17	0 48	19 5	0 3	23 10
22	15	46	0 45	3 16	0 48	19 0	0 3	23 7
25	15	46	0 45	3 14	0 48	18 55	0 4	23 5
28	15	45	0 45	3 12	0 48	18 50	0 4	23 2

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	4 38 54	10 39 57	22 N 4	21 46 6	3 N 0	6 N 17	23 47 17
2	M	4 42 51	11 37 22	22 12	4 49	1 55	0 S 9	23 17
3	Tu	4 46 48	12 34 47	22 20	18 57	0 41	6 47	23 18
4	W	4 50 44	13 32 10	22 27	3 29	0 S 37	13 16	23 18
5	Th	4 54 41	14 29 32	22 34	18 23	1 55	19 10	23 18
6	F	4 58 37	15 26 53	22 40	3 31	3 6	23 55	23 19
7	S	5 2 34	16 24 13	22 46	18 46	4 4	27 2	23 19
8	S	5 6 30	17 21 32	22 52	3 57	4 44	28 8	23 19
9	M	5 10 27	18 18 51	22 57	18 53	5 4	27 10	23 20
10	Tu	5 14 23	19 16 10	23 2	3 26	5 4	24 20	23 20
11	W	5 18 20	20 13 28	23 6	17 31	4 46	20 8	23 20
12	Th	5 22 17	21 10 45	23 10	1 7	4 11	15 0	23 21
13	F	5 26 13	22 8 23	23 14	14 14	3 25	9 21	23 22
14	S	5 30 10	23 5 19	23 17	26 57	2 29	3 30	23 23
15	S	5 34 6	24 2 36	23 20	9 19	1 28	2 N 21	23 24
16	M	5 38 3	24 59 53	23 22	21 25	0 24	7 59	23 25
17	Tu	5 41 59	25 57 9	23 24	3 21	0 N 40	13 16	23 26
18	W	5 45 56	26 54 26	23 26	15 10	1 41	18 1	23 27
19	Th	5 49 52	27 51 42	23 27	26 58	2 38	22 4	23 28
20	F	5 53 49	28 48 58	23 28	8 47	3 28	25 13	23 29
21	S	5 57 46	29 46 13	23 28	20 39	4 9	27 17	23 30
22	S	6 1 42	0 43 29	23 28	2 37	4 39	28 6	23 31
23	M	6 5 39	1 40 44	23 27	14 43	4 57	27 35	23 32
24	Tu	6 9 35	2 37 59	23 26	26 57	5 2	25 44	23 34
25	W	6 13 32	3 35 13	23 25	9 20	4 53	22 38	23 35
26	Th	6 17 28	4 32 27	23 23	21 54	4 29	18 28	23 36
27	F	6 21 25	5 29 40	23 21	4 40	3 52	13 24	23 37
28	S	6 25 22	6 26 53	23 19	17 41	3 2	7 40	23 38
29	S	6 29 18	7 24 5	23 16	0 58	2 1	1 28	23 40
30	M	6 33 15	8 21 17	23 12	14 35	0 52	4 S 57	23 41

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	28 6	48 33	18 6	17 N 29	18 58	16 N 18	25 r 13
4	2 9	3 45	1 0	18 26	1 29	18 11	25 3
7	2 11	2 56	0 54	19 22	0 57	19 48	24 54
10	2 13	2 8	0 48	20 8	0 18	21 30	24 44
13	2 16	1 19	0 41	20 56	0 N 9	22 47	24 35
16	2 18	0 33	0 34	21 46	0 39	23 55	24 25
19	2 20	0 N 16	0 27	22 11	1 7	24 34	24 16
22	2 22	1 4	0 20	22 40	1 27	24 51	24 6
25	2 24	1 49	0 13	23 2	1 48	24 44	23 57
28	2 26	2 37	0 6	23 20	1 52	24 12	23 47

D M	h	♈	♉	♊	♋	Mutual	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° ' "	° ' "	° ' "	° ' "	° ' "							
1	6 Ω 4	5 Ω 41	23 x 26	23 x 26	21 x 42	♈ ♉ ☿		♈			♈	Δ Δ
2	6 10	5 54 24	9 24	15 23	25	♀ Δ ☿			*	□		
3	6 16	6 7 24	51 25	28 25	12	♀ Δ ☿	Δ					
4	6 21	6 20 25	34 26	41 27	2	♀ * ♈			□	Δ		
5	6 27	6 33 26	16 27	54 28	54	♀ ☉ ♈		*				
6	6 33	6 26 26	59 29	7 0	□ 47				Δ		Δ	♈ ♈
7	6 38	6 59 27	41 0	□ 21	2 42		♈	□				
8	6 44	7 12 28	23 1	34 4	40					♈	□	
9	6 50	7 25 29	5 2	47 6	40	♀ * h	Δ					
10	6 56	7 38 29	48 4	1 8	43			♈		*	Δ	Δ
11	7 2	7 51 0	r 30	5 14	10 47		Δ					
12	7 8	8 4 1	12 6	27 12	53							□
13	7 14	8 18 1	54 7	41 15	1	♀ * h				Δ		□
14	7 20	8 31 2	36 8	54 17	10	☉ □ ☿	□	♈				
15	7 27	8 44 3	18 10	7 19	20				Δ	□	♈	*
16	7 33	8 58 3	59 11	21 21	31		*					*
17	7 40	9 11 4	41 12	34 23	42	♀ □ ☿			□	*		
18	7 46	9 24 5	23 13	47 25	54							
19	7 53	9 38 6	4 15	1 28	6	☉ ☉ ♈		Δ	*		*	
20	8 0	9 51 6	45 16	14 0	Ω 17				*		*	
21	8 6	10 5 7	26 17	27 2	28							♈
22	8 13	10 18 8	7 18	41 4	38	♈ Δ h	♈	□		♈	□	♈
23	8 19	10 32 8	48 19	54 6	47							
24	8 26	10 45 9	29 21	7 8	55	♀ □ ♈		*				
25	8 33	10 59 10	10 22	21 11	1	♀ ☉ ♈			♈		Δ	
26	8 39	11 12 10	50 23	34 13	6	♀ □ ☿						*
27	8 46	11 26 11	31 24	47 15	9	♈ □ ♈	*					
28	8 53	11 39 12	11 26	1 17	11			♈		*		*
29	9 0	11 53 12	52 27	14 19	11						□	
30	9 7	12 6 13	32 28	27 21	9		□		*	□	♈	

JULY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	15 45	0 N 44	3 N 11	0 N 48	18 N 44	0 N 4	22 N 58
4	15 45	0 44	3 8	0 48	18 39	0 4	22 54
7	15 45	0 44	3 5	0 48	18 33	0 5	22 51
10	15 46	0 44	3 3	0 48	18 27	0 5	22 47
13	15 46	0 44	3 0	0 49	18 22	0 6	22 43
16	15 46	0 44	2 58	0 49	18 16	0 6	22 39
19	15 46	0 44	2 56	0 49	18 9	0 6	22 34
22	15 46	0 44	2 54	0 49	18 3	0 6	22 29
25	15 47	0 44	2 51	0 49	17 57	0 7	22 24
28	15 47	0 44	2 48	0 49	17 51	0 7	22 19
31	15 47	0 44	2 44	0 49	17 45	0 7	22 14

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	6 37 11	9 51 18	29 23 N 8	28 32	0 8 22	11 S 18	23 42
2	W	6 41 8	10 15 40	23 4	12 50	1 86	17 14	23 44
3	Th	6 45 3	11 12 51	23 0	27 28	2 46	22 18	23 46
4	F	6 49 1	12 10 22	22 55	12 21	3 45	26 1	23 48
5	S	6 52 57	13 7 12	22 49	27 23	4 29	27 56	23 50
6	S	6 56 54	14 4 23	22 43	12 24	4 55	27 47	23 52
7	M	7 0 51	15 1 34	22 37	27 15	5 125	39	23 54
8	Tu	7 4 47	15 58 45	22 31	11 48	4 46	21 51	23 56
9	W	7 8 44	16 55 56	22 24	25 55	4 15	16 53	23 58
10	Th	7 12 41	17 53 8	22 16	9 34	3 29	11 13	24 0
11	F	7 16 37	18 50 20	22 8	22 44	2 34	5 15	24 2
12	S	7 20 33	19 47 33	22 0	5 29	1 33	0 N 46	24 5
13	S	7 24 30	20 44 46	21 52	17 53	0 28	6 35	24 7
14	M	7 28 26	21 42 12	21 43	0 8 0	0 N 36	12 2	24 9
15	Tu	7 32 23	22 39 16	21 34	11 55	1 37	16 58	24 12
16	W	7 36 20	23 36 32	21 24	23 45	2 34	21 13	24 14
17	Th	7 40 16	24 33 48	21 14	5 33	3 24	24 36	24 16
18	F	7 44 13	25 31 52	21 4	17 25	4 5	26 56	24 18
19	S	7 48 9	26 28 23	20 53	29 23	4 36	28 4	24 20
20	S	7 52 6	27 25 42	20 42	11 29	4 55	27 52	24 22
21	M	7 56 2	28 23 12	20 31	23 46	5 0	26 18	24 24
22	Tu	7 59 59	29 20 22	20 19	6 14	4 51	23 26	24 26
23	W	8 3 55	0 17 42	20 7	18 53	4 28	19 25	24 29
24	Th	8 7 52	1 15 3	19 54	1 44	3 51	14 28	24 32
25	F	8 11 49	2 12 25	19 41	14 45	3 2	8 48	24 34
26	S	8 15 45	3 9 47	19 28	27 58	2 2	2 40	24 36
27	S	8 19 42	4 7 9	19 15	11 24	0 54	3 8 42	24 39
28	M	8 23 38	5 4 32	19 1	25 3	0 8 18	9 59	24 41
29	Tu	8 27 35	6 1 56	18 47	8 56	1 31	15 55	24 44
30	W	8 31 31	6 59 20	18 33	23 4	2 39	21 7	24 47
31	Th	8 35 28	7 56 44	18 18	7 26	3 38	25 9	24 51

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 43	2 N 41	0 N 50	17 N 42	0 N 7	22 N 12
4	15	47	0 43	2 38	0 50	17 35	0 7	22 5
7	15	48	0 43	2 34	0 50	17 29	0 8	22 2
10	15	48	0 43	2 29	0 50	17 23	0 8	21 57
13	15	49	0 43	2 25	0 51	17 17	0 9	21 50
16	15	49	0 43	2 22	0 51	17 10	0 9	21 44
19	15	50	0 43	2 19	0 51	17 3	0 9	21 39
22	15	50	0 43	2 15	0 51	16 56	0 9	21 33
25	15	51	0 43	2 10	0 52	16 50	0 10	21 27
28	15	51	0 43	2 5	0 52	16 44	0 10	21 21
31	15	52	0 43	2 1	0 52	16 38	0 10	21 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° '	° ' "	° '	° '	° ' "
1	F	8 39 24	8 Ω 54	9 18 N 3	21 ♄ 58	4 8 24	27 8 37	24 ♃ 54
2	S	8 43 21	9 51 35	17 48	6 ♃ 38	4 53 28	10 24 57	
3	S	8 47 18	10 49 17	32 21	5 26 45	25 0		
4	M	8 51 14	11 46 29	17 17	5 ♃ 49	4 52 23	33 25 3	
5	Tu	8 55 11	12 43 57	17 0	20 7	4 24 18	58 25 6	
6	W	8 59 7	13 41 26	16 44	4 ♃ 4	3 41 13	27 25 9	
7	Th	9 3 4	14 38 57	16 27	17 38	2 46 7	26 25 12	
8	F	9 7 0	15 36 29	16 11	0 ♃ 47	1 43 1	16 25 15	
9	S	9 10 57	16 34 2	15 53	13 32	0 37 4	N 47 25 18	
10	S	9 14 54	17 31 36	15 36	25 57	0 N 29	10 29 25 21	
11	M	9 18 50	18 29 13	15 18	8 5	1 33 15	41 25 25	
12	Tu	9 22 47	19 26 50	15 0	20 2	2 31 20	12 25 28	
13	W	9 26 43	20 24 29	14 42	1 ♃ 53	3 23 23	52 25 31	
14	Th	9 30 40	21 22 10	14 24	13 44	4 5 26	32 25 35	
15	F	9 34 36	22 19 53	14 5	25 38	4 38 28	1 25 38	
16	S	9 38 33	23 17 37	13 46	7 ♃ 41	4 58 28	12 25 42	
17	S	9 42 29	24 15 22	13 27	19 54	5 5 27	1 25 45	
18	M	9 46 26	25 13 10	13 8	2 ♃ 22	4 58 24	29 25 48	
19	Tu	9 50 22	26 10 58	12 48	15 4	4 36 20	44 25 51	
20	W	9 54 19	27 8 48	12 29	28 1	4 0 15	56 25 55	
21	Th	9 58 16	28 6 40	12 9	11 ♃ 12	3 11 10	19 25 58	
22	F	10 2 12	29 4 34	11 49	24 35	2 9 4	8 26 1	
23	S	10 6 9	0 ♃ 2	23 11	28 8	1 0 2	S 19 26 4	
24	S	10 10 5	1 0 23	11 8	21 54	0 S 14	8 45 26 8	
25	M	10 14 2	1 58 20	10 47	5 ♃ 47	1 28 14	50 26 12	
26	Tu	10 17 58	2 56 18	10 26	19 47	2 37 20	13 26 15	
27	W	10 21 55	3 54 18	10 5	3 ♄ 53	3 37 24	30 26 18	
28	Th	10 25 51	4 52 18	9 44	18 5	4 25 27	19 26 22	
29	F	10 29 48	5 50 20	9 23	2 ♃ 21	4 56 28	23 26 26	
30	S	10 33 45	6 48 23	9 1	16 37	5 9 27	32 26 30	
31	S	10 37 41	7 46 28	8 40	0 ♃ 50	5 8 24	55 26 34	

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	28 38	10 N 14	1 N 6	19 N 25	28 9	7 N 30	21 r 59
4	2 39	10 48	1 10	18 25	2 46	6 18	21 49
7	2 39	11 20	1 14	17 28	3 20	5 17	21 40
10	2 38	11 52	1 17	16 17	3 56	4 40	21 30
13	2 38	12 20	1 20	15 15	4 18	4 20	21 21
16	2 37	12 50	1 22	13 59	4 36	4 31	21 12
19	2 37	13 15	1 24	12 46	4 40	5 7	21 2
22	2 36	13 40	1 25	11 24	4 29	6 12	20 53
25	2 35	14 5	1 25	10 5	4 2	7 35	20 43
28	2 34	14 27	1 25	8 36	3 18	9 4	20 34
31	2 32	14 50	1 24	7 16	2 24	10 30	20 24

D M	h		N		♂		♀		Mutual		Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	Aspts.	☉	☿	♂	♀	♂	♀	♀
1	13 2	5 19	5 15	3 8	33 7	2 49	5 31	5 31				☐					
2	13 13	19 22	4 7	9 3	6 13	6 13	6 13	6 13				Δ				Δ	Δ
3	13 20	19 41	4 41	10 17	6 49	6 49	6 49	6 49				Δ					
4	13 28	19 54	5 14	11 31	7 20	7 20	7 20	7 20	♀♂h	♂						☐	♂
5	13 36	20 7	5 48	12 45	7 47	7 47	7 47	7 47	☉♂♀	♂							
6	13 43	20 20	6 21	13 59	8 11	8 11	8 11	8 11	☉♂h							*	
7	13 51	20 33	6 53	15 14	8 32	8 32	8 32	8 32									♂
8	13 59	20 46	7 25	16 28	8 48	8 48	8 48	8 48				♂					
9	14 6	20 59	7 56	17 42	8 53	8 53	8 53	8 53			Δ		Δ			Δ	
10	14 14	21 12	8 28	18 56	9 0	9 0	9 0	9 0						☐			
11	14 22	21 25	8 59	20 10	8 58	8 58	8 58	8 58	♀Δ♂							♂	Δ
12	14 29	21 38	9 31	21 24	8 52	8 52	8 52	8 52			☐	Δ	☐	*		☐	
13	14 37	21 50	10 22	22 39	8 41	8 41	8 41	8 41						*			
14	14 45	22 3	10 33	23 53	8 24	8 24	8 24	8 24					*				☐
15	14 52	22 15	11 3	25 7	8 1	8 1	8 1	8 1			*	☐				*	
16	15 0	22 27	11 33	26 22	7 32	7 32	7 32	7 32								*	*
17	15 8	22 40	12 2	27 36	6 58	6 58	6 58	6 58				*		♂			
18	15 16	22 52	12 31	28 50	6 19	6 19	6 19	6 19						♂		☐	
19	15 24	23 4	12 59	29 5	5 36	5 36	5 36	5 36									
20	15 32	23 16	13 27	1 19	4 49	4 49	4 49	4 49			♂					♂	♂
21	15 39	23 28	13 55	2 33	3 59	3 59	3 59	3 59								Δ	
22	15 47	23 40	14 22	3 47	3 5	3 5	3 5	3 5	♂♂♀		♂		*				
23	15 54	23 52	14 49	5 2	2 10	2 10	2 10	2 10						*			
24	16 2	24 4	15 16	6 16	1 16	1 16	1 16	1 16	☉♂♀					☐			
25	16 9	24 16	15 42	7 30	0 23	0 23	0 23	0 23			*					*	*
26	16 17	24 28	16 8	8 44	29 32	29 32	29 32	29 32				*	☐	Δ	♂		
27	16 24	24 40	16 33	9 59	28 43	28 43	28 43	28 43	♂☐h		☐					☐	☐
28	16 32	24 52	16 58	11 13	27 57	27 57	27 57	27 57					Δ				Δ
29	16 39	25 4	17 28	12 28	27 17	27 17	27 17	27 17			Δ	Δ				Δ	Δ
30	16 47	25 16	17 47	13 42	26 44	26 44	26 44	26 44									
31	16 54	25 28	18 10	14 57	26 18	26 18	26 18	26 18			☐		♂				

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 43	1 N 59	0 N 53	16 N 36	0 N 11	21 N 13
4	15	54	0 43	1 54	0 53	16 30	0 11	21 7
7	15	55	0 43	1 50	0 53	16 23	0 12	21 1
10	15	56	0 43	1 45	0 53	16 16	0 12	20 55
13	15	57	0 42	1 42	0 54	16 10	0 12	20 49
16	15	57	0 42	1 38	0 54	16 4	0 12	20 43
19	15	58	0 42	1 34	0 55	15 58	0 13	20 38
22	15	59	0 42	1 29	0 55	15 52	0 13	20 32
25	16	0	0 42	1 24	0 56	15 47	0 14	20 27
28	16	0	0 42	1 19	0 56	15 42	0 14	20 21

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° / '	° / '	° / '	° / '	° / '	° / '
1	M	10 41 38	8 ^m 44 34	8 N 18	14 ^m 5	4 S 39	20 S 49	26 ^m 38
2	Tu	10 45 34	9 42 44	7 56	28 48	3 58	15 37	26 42
3	W	10 49 31	10 40 51	7 34	12 ^x 25	3 5	9 45	26 46
4	Th	10 53 27	11 39 1	7 12	25 44	2 2	3 34	26 49
5	F	10 57 24	12 37 14	6 50	8 ^r 48	0 55	2 N 37	26 53
6	S	11 1 20	13 35 29	6 28	21 23	0 N 14	8 34	26 57
7	S	11 5 17	14 33 45	6 5	3 ^x 45	1 21	14 3	27 1
8	M	11 9 13	15 32 4	5 43	15 53	2 23	18 54	27 4
9	Tu	11 13 10	16 30 24	5 20	27 51	3 18	22 55	27 7
10	W	11 17 7	17 28 47	4 57	9 [□] 43	4 3	25 57	27 11
11	Th	11 21 3	18 27 12	4 34	21 35	4 39	27 50	27 15
12	F	11 25 0	19 25 40	4 11	3 [□] 30	5 2	28 27	27 19
13	S	11 28 56	20 25 9	3 48	15 34	5 13	27 44	27 23
14	S	11 32 53	21 23 41	3 25	27 51	5 10	25 40	27 27
15	M	11 36 49	22 21 15	3 2	10 ^Ω 25	4 51	23 19	27 30
16	Tu	11 40 46	23 19 51	2 39	23 16	4 18	17 50	27 34
17	W	11 44 42	24 18 25	2 16	6 ^m 28	3 31	12 25	27 38
18	Th	11 48 39	25 17 9	1 53	19 57	2 31	6 17	27 42
19	F	11 52 36	26 15 51	1 29	3 ^Δ 44	1 20	0 S 16	27 46
20	S	11 56 32	27 14 36	1 6	17 45	0 4	6 55	27 49
21	S	12 0 29	28 13 22	0 42	1 ^m 56	1 S 14	13 18	27 53
22	M	12 4 25	29 12 10	0 19	16 12	2 27	19 3	27 56
23	Tu	12 8 22	0 ^Δ 10 59	0 S 4	0 ^f 31	3 32	23 44	28 0
24	W	12 12 18	1 9 50	0 28	14 49	4 23	26 57	28 3
25	Th	12 16 15	2 8 43	0 51	29 3	4 58	28 26	28 7
26	F	12 20 11	3 7 38	1 15	13 ^v 10	5 15	28 2	28 11
27	S	12 24 8	4 6 34	1 38	27 10	5 13	25 51	28 15
28	S	12 28 5	5 5 32	2 2	11 ^m 0	4 52	22 10	28 19
29	M	12 32 1	6 4 32	2 25	24 38	4 16	17 20	28 23
30	Tu	12 35 58	7 3 33	2 48	8 ^x 4	3 25	11 43	28 27

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	28 32	14 N 56	1 N 24	6 N 45	28 8	10 N 52	20 r 21
4	2 30	15 18	1 22	5 11	1 12	11 48	20 11
7	2 28	15 33	1 20	3 46	0 18	12 13	20 2
10	2 25	15 49	1 17	2 10	0 N 27	12 9	19 52
13	2 23	16 5	1 14	0 43	1 4	11 22	19 42
16	2 20	16 20	1 10	08 50	1 30	10 8	19 33
19	2 16	16 32	1 7	2 22	1 45	8 30	19 23
22	2 12	16 43	1 2	4 4	1 52	6 35	19 14
25	2 8	16 53	0 57	5 26	1 51	4 25	19 4
28	2 3	17 1	0 51	7 6	1 45	2 8	18 55

D M	h	♂		♀	♀	Mutual Aspts.	Lunar Aspects.							
		Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
1	17	2	1 25 53	39 18	33 16	11 25 59								
2	17		9 25	50 18	55 17	25 25 R 43								
3	17	16	26	2 19	17 18	40 25 D 41								
4	17	23	26	13 19	38 19	54 25 53								
5	17	31	26	24 19	59 21	9 26 12								
6	17	38	26	35 20	19 22	23 26 33								
7	17	45	26	46 20	39 23	38 27 5								
8	17	52	26	57 20	58 24	52 27 43								
9	17	59	27	8 21	17 26	7 28 38	♀ * ♀							
10	18	6	27	18 21	31 27	21 29 34	♀ * ♀							
11	18	13	27	29 21	52 28	36 0 41	♀ ☉ ♀							
12	18	20	27	39 22	8 29	50 1 52								
13	18	27	27	50 22	24 1	5 3 7								
14	18	34	28	0 22	39 2	19 4 28								
15	18	41	28	11 22	54 3	34 5 56								
16	18	48	28	21 23	8 4	48 7 30	☉ Δ ♀							
17	18	55	28	31 23	22 6	3 9 7								
18	19	2	28	41 23	34 7	17 10 46								
19	19	8	28	51 23	45 8	32 12 27								
20	19	15	29	1 23	56 9	46 14 10								
21	19	21	29	11 24	6 11	1 15 56	☉ ☉ ♀							
22	19	28	29	20 24	16 12	15 17 44	☉ * ♀							
23	19	34	29	30 24	24 13	30 19 32								
24	19	41	29	40 24	32 14	44 21 21								
25	19	47	29	49 24	38 15	59 23 10								
26	19	54	29	58 24	44 17	23 24 59	♀ Δ ♀							
27	20	0	0 2	7 24	49 18	38 26 48								
28	20	6	0	16 24	54 19	52 28 37	♀ ☉ ♀							
29	20	12	0	25 24	59 21	7 0 6	♀ * ♀							
30	20	18	0	34 25	2 22	21 2 14								

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 42	1 N 14	0 N 57	15 N 36	0 N 15	20 N 16
4	16	1	0 42	1 10	0 57	15 31	0 15	20 11
7	16	2	0 42	1 5	0 58	15 26	0 16	20 6
10	16	3	0 42	1 0	0 58	15 21	0 16	20 1
13	16	4	0 42	0 55	0 59	15 16	0 17	19 57
16	16	5	0 42	0 52	0 59	15 12	0 17	19 54
19	16	5	0 42	0 48	1 0	15 8	0 18	19 50
22	16	6	0 43	0 45	1 0	15 4	0 18	19 46
25	16	7	0 43	0 41	1 1	15 0	0 19	19 43
28	16	7	0 43	0 37	1 1	14 56	0 19	19 40
31	16	8	0 43	0 33	1 1	14 53	0 19	19 37

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	12 39 54	8 2 36	3 8 12	21 16	2 8 25	5 8 41	28 31
2	Th	12 43 51	9 1 42	3 35	4 13	1 18	0 N 29	28 34
3	F	12 47 47	10 0 49	3 58	16 56	0 8 6	32	28 38
4	S	12 51 44	10 59 58	4 21	29 25	1 N 12	14	28 42
5	S	12 55 40	11 59 10	4 45	11 41	2 6	17 21	28 46
6	M	12 59 37	12 58 23	5 8	23 46	3 4 21	42	28 50
7	Tu	13 3 34	13 57 39	5 31	5 43	3 53	25 7	28 53
8	W	13 7 30	14 56 57	5 54	17 35	4 33	27 25	28 57
9	Th	13 11 27	15 56 18	6 17	29 26	5 0	28 28	29 1
10	F	13 15 23	16 55 41	6 40	11 20	5 15	28 13	29 5
11	S	13 19 20	17 55 7	7 2	23 23	5 16	26 38	29 9
12	S	13 23 16	18 54 35	7 25	5 38	5 3	23 47	29 12
13	M	13 27 13	19 54 5	7 47	18 11	4 36	19 46	29 16
14	Tu	13 31 9	20 53 38	8 10	1 4	3 54	14 45	29 19
15	W	13 35 6	21 53 18	8 32	14 20	2 59	8 55	29 23
16	Th	13 39 3	22 52 50	8 54	28 1	1 51	2 30	29 27
17	F	13 42 59	23 52 30	9 17	12 4	0 36	4 8 14	29 31
18	S	13 46 56	24 52 11	9 38	26 27	0 8 44	10 54	29 35
19	S	13 50 52	25 51 55	10 0	11 4	2 2	17 6	29 38
20	M	13 54 48	26 51 40	10 22	25 50	3 13	22 21	29 41
21	Tu	13 58 45	27 51 27	10 43	10 36	4 10	26 11	29 44
22	W	14 2 42	28 51 16	11 5	25 15	4 51	28 14	29 47
23	Th	14 6 38	29 51 7	11 26	9 43	5 13	28 19	29 50
24	F	14 10 35	0 51 0	11 47	23 55	5 15	26 31	29 54
25	S	14 14 31	1 50 54	12 8	7 50	4 59	23 8	29 58
26	S	14 18 28	2 50 50	12 28	21 27	4 26	18 33	0 1
27	M	14 22 25	3 50 47	12 49	4 47	3 39	13 10	0 4
28	Tu	14 26 21	4 50 46	13 9	17 50	2 41	7 17	0 8
29	W	14 30 18	5 50 46	13 29	0 38	1 87	1 13	0 11
30	Th	14 34 14	6 50 48	13 49	13 16	0 29	4 N 45	0 14
31	F	14 38 11	7 50 52	14 9	25 41	0 N 40	10 33	0 18

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 58	17 N 8	0 N 45	8 S 25	1 N 33	0 S 11	18 45
4	1 52	17 14	0 38	9 51	1 18	2 30	18 35
7	1 46	17 19	0 32	11 18	1 2	4 49	18 26
10	1 39	17 22	0 25	12 39	0 42	7 1	18 16
13	1 32	17 23	0 17	14 2	0 24	9 12	18 7
16	1 24	17 22	0 10	15 16	0 4	11 16	17 57
19	1 16	17 21	0 2	16 38	0 S 17	13 15	17 48
22	1 7	17 18	0 S 6	17 40	0 38	15 7	17 38
25	0 58	17 14	0 14	18 50	0 57	16 53	17 29
28	0 49	17 10	0 22	19 49	1 16	18 31	17 19
31	0 39	17 2	0 31	20 43	1 34	20 0	17 10

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.							
								☉	☿	♈	♉	♊	♋	♌	♍
1	20	Q 24	0 Q 42	25 8	3 23	Δ 26	4 Δ 1						*		
2	20	30	0 50	25	4 24	40	5 48	♂	♂			Δ			
3	20	36	0 58	25 B	4 25	55	7 35			Δ					♂
4	20	42	1 6	25	3 27	9	9 21					□		♂	
5	20	48	1 14	25	1 28	24	11 6								
6	20	54	1 22	24	59 29	38 12	50	☉ ☿ ♀	Δ	□			♂		
7	20	59	1 30	24	56	0 m 53	14 34	♀ ☐ ♈			*				
8	21	5	1 37	24	52	2	7 16	Δ		*					Δ
9	21	10	1 45	24	47	3	22 17	□	□						
10	21	16	1 52	24	41	4	36 19							Δ	
11	21	21	2 0	24	34	5	51 21						*		□
12	21	27	2 7	24	28	7	5 23		*		♂		*	□	
13	21	32	2 14	24	17	8	20 24	*		♂			□		*
14	21	37	2 21	24	7	9	34 26								*
15	21	42	2 27	23	57	10	49 27	☉ * h					*		
16	21	47	2 34	23	46	12	3 29		♂		*	Δ			
17	21	52	2 40	23	34	13	1 m 11								
18	21	57	2 47	23	22	14	32 2	♀ ☐ ♈	♂		*	□		♂	
19	22	2	2 53	23	7	15	47 4							♂	
20	22	7	2 59	22	52	17	1 5	*	□				♂		
21	22	11	3 5	22	36	18	16 7					Δ			
22	22	16	3 10	22	20	19	30 9	♂ ☐ h	*	□	Δ				
23	22	20	3 15	22	4	20	45 10	♀ ♂ ♂							*
24	22	25	3 20	21	47	21	59 12	♀ ☐ h		Δ			Δ	*	
25	22	29	3 25	21	30	23	11 18		□			♂			□
26	22	33	3 30	21	12	24	28 15				♂		□	□	
27	22	37	3 34	20	53	25	43 16		Δ						
28	22	41	3 39	20	33	26	57 18						*		Δ
29	22	45	3 43	20	13	28	12 19	♂ ♂ ♂	♂			Δ		Δ	
30	22	49	3 48	19	53	29	26 21	♂ ☐ h							
31	22	53	3 53	19	32	0	41 22	♀ * h			Δ				

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 43	0 N 31	1 N 2	14 N 52	0 N 20	19 N 37
4	16	10	0 43	0 28	1 2	14 49	0 20	19 35
7	16	11	0 43	0 24	1 3	14 47	0 21	19 33
10	16	12	0 43	0 19	1 4	14 45	0 21	19 32
13	16	12	0 43	0 16	1 5	14 43	0 22	19 31
16	16	13	0 43	0 13	1 5	14 41	0 22	19 30
19	16	14	0 43	0 10	1 6	14 40	0 23	19 31
22	16	14	0 43	0 9	1 6	14 39	0 23	19 32
25	16	15	0 43	0 6	1 7	14 38	0 24	19 33
28	16	15	0 43	0 3	1 7	14 38	0 24	19 34

D M	D W	Sidereal Time.			☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.						
		H.	M.	S.	°	'	°	'	°	'						
1	S	14	42	7	8 ^m 50	58	14 8 28	7 56	1 N 45	15 N 50	0 21					
2	S	14	46	4	9	51	6 14	47 20	2	2 45	20	25	0 24			
3	M	14	50	0	10	51	15	6 21	2	3 37	24	8	0 27			
4	Tu	14	53	57	11	51	26	15 25	13	56	4	19	26	47	0 30	
5	W	14	57	54	12	51	40	15 43	25	48	4	50	28	14	0 33	
6	Th	15	1	50	13	51	55	16 1	7 ²⁵ 39	5	8 28	22	0	36		
7	F	15	5	47	14	52	13	16 19	19	32	5	13	27	12	0 39	
8	S	15	9	43	15	52	32	16 37	1 23	33	5	5 24	47	0	42	
9	S	15	13	40	16	52	54	16 54	13	45	4	43	21	13	0 45	
10	M	15	17	36	17	53	18	17 11	26	12	4	7	16	40	0 48	
11	Tu	15	21	33	18	53	44	17 28	9 ^m 0	3	18	11	16	0	51	
12	W	15	25	29	19	54	11	17 44	22	11	2	17	5	12	0 54	
13	Th	15	29	26	20	54	41	18 0	5 25	1	7	18	18	0	56	
14	F	15	33	23	21	55	13	18 16	19	56	0	8	10	7	57	0 59
15	S	15	37	19	22	55	46	18 32	4 ^m 28	1	23	14	24	1	2	
16	S	15	41	16	23	56	21	18 47	19	21	2	42	20	11	1	4
17	M	15	45	12	24	56	58	19 2	4 ^f 28	3	46	24	45	1	7	
18	Tu	15	49	9	25	57	36	19 16	19	39	4	31	27	36	1	10
19	W	15	53	5	26	58	16	19 30	4 ^w 44	5	2	28	25	1	13	
20	Th	15	57	2	27	58	57	19 44	19	23	5	10	27	9	1	16
21	F	16	0	58	28	59	39	19 57	4 ^m 1	4	58	24	5	1	18	
22	S	16	4	55	0 ^f	0	22	20 10	18	3	4	28	19	40	1	20
23	S	16	8	52	1	1	6	20 23	1 40	3	43	14	22	1	23	
24	M	16	12	48	2	1	51	20 36	14	53	2	43	8	33	1	25
25	Tu	16	16	45	3	2	37	20 47	27	44	1	46	2	31	1	27
26	W	16	20	41	4	3	24	20 59	10 ^r 19	0	40	3	N 29	1	30	
27	Th	16	24	38	5	4	12	21 10	22	40	0	N 27	9	15	1	32
28	F	16	28	34	6	5	1	21 21	4 50	1	31	14	35	1	34	
29	S	16	32	31	7	5	52	21 31	16	53	2	31	19	19	1	36
30	S	16	36	27	8	6	43	21 41	28	51	3	23	23	18	1	38

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 S 35	16 N 59	0 N 32	21 S 6	1 S 40	20 S 28	17 r 7
4	0 25	16 51	0 40	21 52	1 56	21 44	16 58
7	0 15	16 42	0 48	22 40	2 9	22 53	16 48
10	0 5	16 32	0 56	23 16	2 20	23 50	16 39
13	0 N 4	16 24	1 2	23 51	2 29	24 37	16 29
16	0 14	16 16	1 9	24 14	2 34	25 11	16 20
19	0 23	16 7	1 16	24 36	2 38	25 31	16 10
22	0 32	16 1	1 23	24 50	2 24	25 38	16 1
25	0 40	15 54	1 28	24 55	2 11	25 32	15 51
28	0 50	15 50	1 33	24 54	1 45	25 11	15 42

D M	h	Long.	M	Long.	♂	Long.	♀	Long.	♀	Long.	Mutual Aspts.	Lunar Aspects.							
												☉	☿	♈	♉	♊	♋	♌	♍
1	22	56	3	56	19	5	11	1	55	24	m 16	♂				☐		♂	
2	22	59	4		0	18	B 50	3	10	25	14					☐		♂	♂
3	23	3	4		3	18	28	4	24	27	12	♀ Δ ♀		Δ		*		♂	
4	23	6	4		6	18	7	5	39	28	39	♀ * ♀							
5	23	10	4		9	17	45	6	53	0	f 5	♀ * ♀		☐	*				
6	23	13	4		12	17	24	8	8	1	31								
7	23	16	4		15	17	2	9	22	2	57	♀ Δ ♀	Δ				*		
8	23	19	4		17	16	41	10	37	4	22	☉ ♂ ♂		*			♂		Δ
9	23	22	4		20	16	19	11	51	6	46		☐			♂		☐	Δ
10	23	25	4		22	15	58	13	5	7	8				♂				
11	23	27	4		24	15	37	14	20	8	30							☐	☐
12	23	30	4		26	15	16	15	34	9	51		*		♂		*	Δ	*
13	23	32	4		28	14	55	16	48	11	11					*		*	*
14	23	34	4		30	14	35	18	3	12	30					*		*	*
15	23	36	4		31	14	16	19	17	13	47						☐		
16	23	38	4		32	13	56	20	31	15	3	☉ ☐ ♀	♂		☐		♂		
17	23	40	4		33	13	37	21	46	16	17			*		Δ			
18	23	42	4		34	13	18	23	9	17	29					Δ		♂	♂
19	23	44	4		34	12	59	24	14	18	38	♀ Δ ♀		☐				Δ	
20	23	46	4		34	12	41	25	28	19	45								
21	23	47	4	B	34	12	24	26	43	20	49	☉ * ♀	*	Δ		♂		☐	*
22	23	48	4		34	12	18	27	57	21	49					♂			
23	23	50	4		34	11	53	29	12	22	45	☐						*	*
24	23	51	4		33	11	49	0	26	23	37	♀ Δ ♀					*		
25	23	52	4		32	11	25	1	40	24	24	♀ ☐ ♀	Δ	♂				☐	☐
26	23	53	4		31	11	11	2	55	25	3	☉ Δ ♀					Δ		
27	23	54	4		30	10	58	4	9	25	37					Δ			Δ
28	23	55	4		28	10	46	5	23	26	7						☐	♂	Δ
29	23	56	4		27	10	35	6	37	26	27								
30	23	57	4		25	10	25	7	51	26	B 37					Δ	☐		

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 44	0 N 0	1 N 8	14 N 38	0 N 25	19 N 36
4	16	15	0 44	0 8 2	1 9	14 39	0 26	19 39
7	16	16	0 44	0 4	1 10	14 39	0 27	19 41
10	16	16	0 44	0 6	1 10	14 40	0 27	19 44
13	16	16	0 44	0 7	1 11	14 41	0 28	19 47
16	16	16	0 44	0 8	1 11	14 43	0 28	19 51
19	16	17	0 44	0 10	1 12	14 45	0 29	19 55
22	16	17	0 44	0 11	1 12	14 47	0 29	19 59
25	16	17	0 44	0 12	1 13	14 50	0 30	20 4
28	16	17	0 44	0 14	1 13	14 53	0 30	20 9
31	16	17	0 44	0 15	1 14	14 57	0 30	20 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	16 40 24	9 ♄ 7 35	21 S 51	10 ♀ 46	4 N 6	26 N 8	1 ♄ 40
2	Tu	16 44 21	10 8 28	22 0 22	38 4	38 27	53	1 42
3	W	16 48 17	11 9 22	22 8 4	38 30	4 58	28 21	1 44
4	Th	16 52 14	12 10 18	22 17 16	23 5	5 27	30	1 46
5	F	16 56 10	13 11 14	22 24 28	19 4	58 25	23	1 48
6	S	17 0 7	14 12 13	22 32 10	21 4	39 22	8	1 49
7	♂	17 4 3	15 13 12	22 39 22	33 4	7 17	54	1 51
8	M	17 8 0	16 14 13	22 45 4	57 3	22 12	51	1 52
9	Tu	17 11 57	17 15 14	22 51 17	38 2	27 7	9	1 53
10	W	17 15 53	18 16 17	22 57 0	41 1	23 0	59	1 55
11	Th	17 19 50	19 17 21	23 2 14	9 0	12 5	8	1 57
12	F	17 23 46	20 18 27	23 7 28	6 1	8 2	11 47	1 59
13	S	17 27 43	21 19 33	23 11 12	31 2	15 17	45	2 0
14	♂	17 31 39	22 20 40	23 15 27	23 3	20 22	50	2 1
15	M	17 35 36	23 21 48	23 18 12	34 4	13 26	30	2 2
16	Tu	17 39 33	24 22 56	23 21 27	55 4	47 28	14	2 3
17	W	17 43 29	25 24 6	23 23 13	15 5	2 27	49	2 4
18	Th	17 47 26	26 25 15	23 25 28	21 4	55 25	19	2 6
19	F	17 51 22	27 26 25	23 27 13	5 2	28 21	11	2 7
20	S	17 55 19	28 27 35	23 27 27	21 3	45 15	55	2 8
21	♂	17 59 15	29 28 45	23 28 11	7 2	50 10	2	2 9
22	M	18 3 12	0 ♄ 29	23 28 24	24 1	48 3	53	2 10
23	Tu	18 7 8	1 31 6	23 27 7	15 0	42 2	N 14	2 11
24	W	18 11 5	2 32 16	23 27 19	45 0	N 24	8 7	2 12
25	Th	18 15 1	3 33 26	23 25 28	0 1	28 13	33	2 13
26	F	18 18 58	4 34 36	23 23 14	3 2	26 18	24	2 13
27	S	18 22 55	5 35 46	23 21 25	59 3	18 22	28	2 14
28	♂	18 26 51	6 36 56	23 18 7	51 4	0 25	35	2 15
29	M	18 30 48	7 38 6	23 15 19	42 4	32 27	35	2 15
30	Tu	18 34 44	8 39 15	23 11 1	34 4	52 28	19	2 16
31	W	18 38 41	9 40 25	23 7 13	29 4	59 27	44	2 16

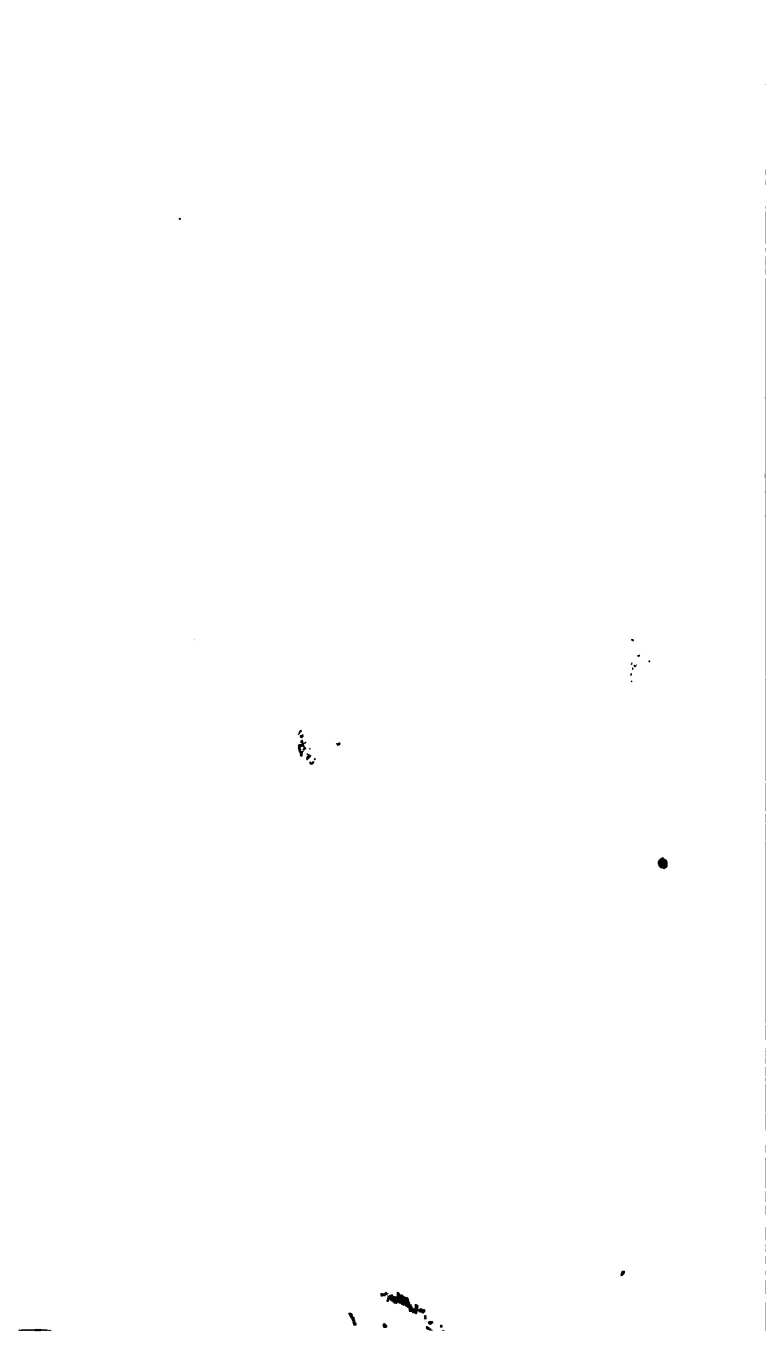
DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 55	15 N 47	1 S 38	24 S 47	1 S 10	24 S 35	15 r 32
4	1 1	15 48	1 43	24 30	0 19	23 42	15 22
7	1 7	15 47	1 46	24 12	0 N 38	23 39	15 12
10	1 12	15 50	1 49	23 41	1 36	21 24	15 3
13	1 17	15 54	1 51	23 11	2 24	20 14	14 53
16	1 21	16 0	1 52	22 27	2 52	19 24	14 44
19	1 26	16 8	1 54	21 45	2 58	19 6	14 34
22	1 30	16 18	1 54	20 51	2 51	19 17	14 25
25	1 33	16 28	1 53	19 57	2 34	19 42	14 15
28	1 36	16 39	1 52	18 51	2 13	20 22	14 6
31	1 38	16 51	1 50	17 47	1 52	21 6	13 56

D	h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'								
1	23 Q 57	4 Q 23	10 r 17	9 w 5	26 f 38			♈						
2	23 57	4 R 21	10 R 9	10 19	26 R 28				*					♈
3	23 57	4 18	10 10	2 11	33 26	7		☐				*		
4	23 R 57	4 16	9 55	12 47	25 35								♈	
5	23 57	4 13	9 49	14 12	24 52			*		♈				
6	23 57	4 11	9 44	15 15	23 58	♀ Δ h	Δ					☐		
7	23 57	4 8	9 39	16 29	22 54					♈				Δ
8	23 57	4 5	9 35	17 43	21 42							Δ		
9	23 56	4 1	9 32	18 57	20 24			☐					Δ	☐
10	23 56	3 57	9 29	20 11	19 1	☉ ♂ ♀		♈		*				
11	23 56	3 53	9 D 27	21 25	17 38			*						*
12	23 55	3 49	9 28	22 39	16 18					*	☐		☐	
13	23 54	3 45	9 29	23 52	15 0							♈		
14	23 53	3 41	9 31	25 6	13 50			*	☐	Δ		*		
15	23 52	3 36	9 33	26 20	12 49	☉ Δ h								♈
16	23 51	3 31	9 36	27 34	11 58			♈	☐	Δ				
17	23 49	3 26	9 39	28 48	11 17				Δ		♈		Δ	
18	23 48	3 21	9 43	0 m 2	10 47								♈	*
19	23 46	3 16	9 48	1 15	10 29			*		♈			☐	
20	23 44	3 11	9 53	2 29	10 D 21									*
21	23 42	3 5	9 59	3 43	10 23	♀ ♂ ♈						*		☐
22	23 40	2 59	10 6	4 56	10 34									
23	23 38	2 54	10 14	6 10	10 53			☐	♈		Δ		*	Δ
24	23 36	2 48	10 23	7 23	11 19	☉ ☐ h		Δ			Δ		☐	
25	23 34	2 42	10 33	8 36	11 53									
26	23 32	2 36	10 42	9 43	12 33							♈		
27	23 29	2 29	10 52	11 52	13 18	♀ ☐ ♂					☐			
28	23 27	2 23	11 3	12 15	14 8					Δ		*		Δ
29	23 24	2 16	11 15	13 29	15 2						*			♈
30	23 22	2 9	11 28	14 42	16 0				☐					
31	23 19	2 2	11 41	15 55	17 3			♈				*		







RAPHAEL'S

ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1801.

(REVISED AND CORRECTED.)

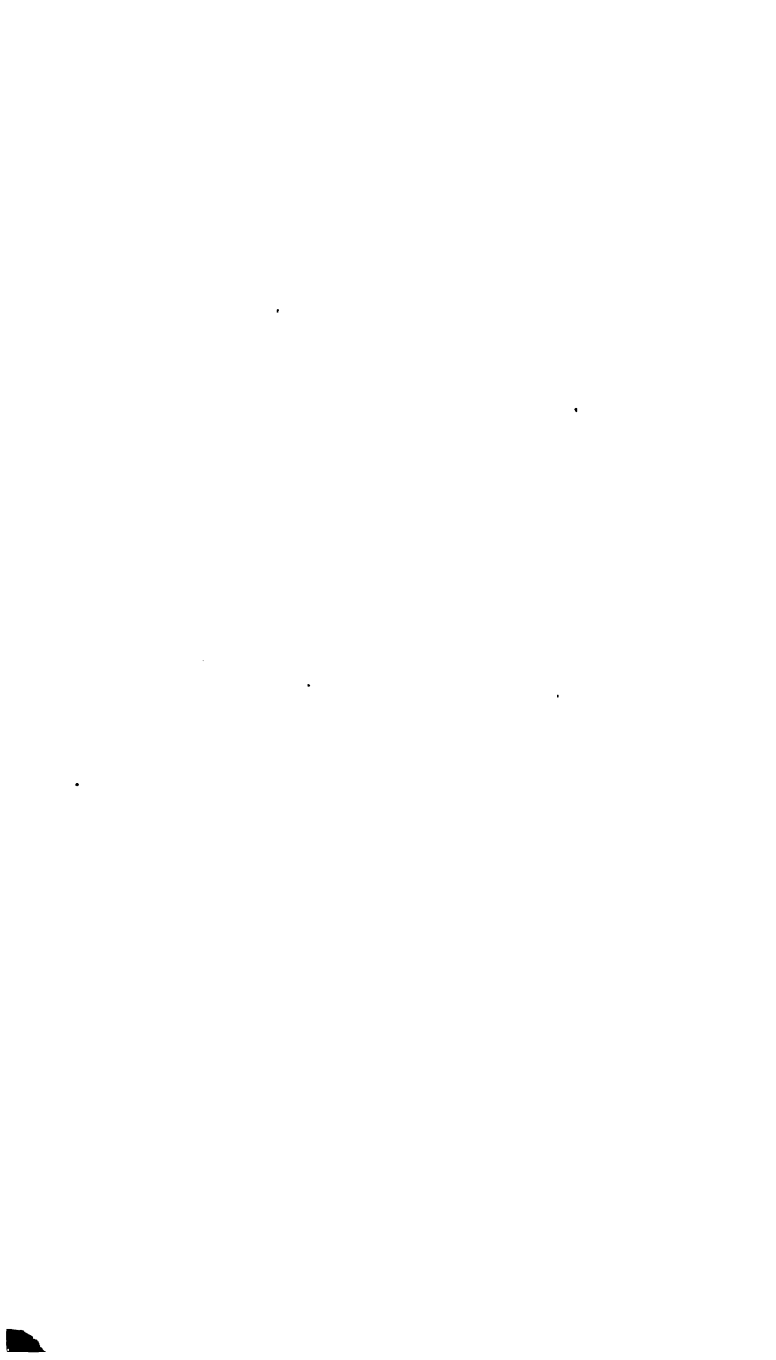


LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Mm.) 42. 2. 50

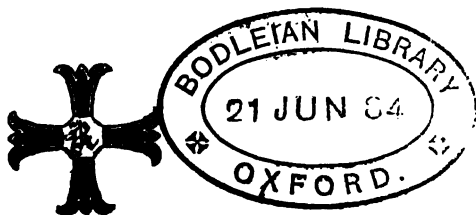


RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1801.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16 15	0 N 45	0 8 13	1 N 15	14 N 57	0 N 31	20 N 16
4	16 15	0 45	0 13	1 15	15 1	0 31	20 21
7	16 16	0 45	0 13	1 16	15 5	0 32	20 26
10	16 16	0 45	0 13	1 16	15 9	0 32	20 32
18	16 17	0 45	0 12	1 17	15 13	0 33	20 38
16	16 17	0 45	0 12	1 17	15 18	0 33	20 44
19	16 17	0 45	0 11	1 18	15 22	0 34	20 49
22	16 18	0 46	0 10	1 18	15 27	0 34	20 55
25	16 18	0 46	0 9	1 19	15 32	0 35	21 0
28	16 18	0 46	0 7	1 19	15 37	0 35	21 5
31	16 18	0 46	0 6	1 19	15 41	0 35	21 10

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	° / "	° / "	° / "	° / "	° / "	° / "
1	Th	18 42 37	10 41 35	23 S 2	25 28	4 N 53	25 N 52	2 16
2	F	18 46 34	11 42 45	22 57	7 31	4 34	22 50	2 16
3	S	18 51 31	12 43 54	22 51	19 41	4 31	18 46	2 16
4	S	18 54 27	13 45 42	22 45	1 59	3 19	13 53	2 17
5	M	18 58 24	14 46 14	22 39	14 27	2 26	8 22	2 17
6	Tu	19 2 20	15 47 24	22 32	27 9	1 24	2 25	2 17
7	W	19 6 17	16 48 35	22 24	10 8	0 17	3 46	2 17
8	Th	19 10 13	17 49 45	22 17	23 29	0 54	9 58	2 17
9	F	19 14 10	18 50 55	22 8	7 13	2 31	15 52	2 16
10	S	19 18 6	19 52 6	22 0	21 24	3 7	21 8	2 16
11	S	19 22 3	20 53 16	21 50	5 59	4 0	25 16	2 16
12	M	19 26 0	21 54 26	21 41	20 55	4 36	27 48	2 16
13	Tu	19 29 56	22 55 35	21 31	6 6	4 58	28 18	2 16
14	W	19 33 53	23 56 44	21 21	20 20	4 57	26 40	2 15
15	Th	19 37 49	24 57 54	21 10	6 27	4 35	23 7	2 15
16	F	19 41 46	25 59 2	20 59	21 17	3 54	18 7	2 14
17	S	19 45 42	27 0 9	20 47	5 41	3 0	12 13	2 14
18	S	19 49 39	28 1 15	20 35	19 36	1 56	5 54	2 13
19	M	19 53 35	29 2 21	20 22	3 1	0 48	0 N 28	2 12
20	Tu	19 57 32	0 3 25	20 10	15 58	0 N 21	6 37	2 11
21	W	20 1 29	1 4 29	19 57	28 83	1 27	12 19	2 11
22	Th	20 5 25	2 5 31	19 43	10 48	2 27	17 24	2 10
23	F	20 9 22	3 6 32	19 29	22 51	3 19	21 42	2 9
24	S	20 13 18	4 7 31	19 15	4 45	4 2	25 4	2 8
25	S	20 17 15	5 8 30	19 0	16 36	4 34	17 20	2 7
26	M	20 21 11	6 9 27	18 45	28 26	4 55	3 22	2 6
27	Tu	20 25 8	7 10 23	18 30	10 20	5 2	3 5	2 5
28	W	20 29 4	8 11 18	18 14	22 20	4 57	26 30	2 4
29	Th	20 33 1	9 12 11	17 58	4 26	4 38	23 40	2 3
30	F	20 36 58	10 13 4	17 42	16 40	4 6	19 46	2 2
31	S	20 40 54	11 13 55	17 26	29 3	3 22	14 58	2 1

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 38	16 N 59	18 49	17 S 26	1 N 37	21 S 20	13 53
4	1 40	17 16	1 45	16 14	1 11	22 1	13 43
7	1 42	17 31	1 41	14 59	0 46	22 37	13 34
10	1 44	17 50	1 35	13 38	0 20	23 8	13 24
13	1 45	18 6	1 31	12 18	0 S 4	23 29	13 15
16	1 46	18 26	1 24	10 52	0 27	23 41	13 5
19	1 47	18 44	1 17	9 26	0 47	23 41	12 56
22	1 48	19 4	1 7	7 58	1 6	23 31	12 46
25	1 49	19 24	0 59	6 26	1 23	23 8	12 37
28	1 50	19 42	0 48	4 53	1 37	22 33	12 27
31	1 50	20 3	0 37	3 20	1 49	21 46	12 18

D M	h ₂		♄		♂		♀		♂		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	23 216	1 255	11 54	17 54	18 9	18 9	18 9	18 9	18 9	18 9								
2	23 113	1 48	12 8	18 12	22 19	15	15	15	15	15			*	♈	♉	♊	♋	♌
3	23 10	1 41	12 23	19 35	20 24	24	24	24	24	24	☉ Δ ♂			♈	♉	♊	♋	♌
4	23 7	1 33	12 38	20 48	21 37	37	37	37	37	37								
5	23 4	1 26	12 54	22 1	22 51	51	51	51	51	51	♂ Δ ♀	Δ					Δ	
6	23 1	1 19	13 10	23 14	24 7	7	7	7	7	7	♀ ♂ ♀		♈	*				☐
7	22 57	1 11	13 26	24 26	25 24	24	24	24	24	24				*	☐		♈	Δ *
8	22 54	1 4	13 43	25 39	26 42	42	42	42	42	42		☐		*	☐		♈	Δ *
9	22 50	0 56	14 1	26 51	28 2	2	2	2	2	2			*		☐		♈	
10	22 47	0 48	14 19	28 4	29 23	23	23	23	23	23			*		☐			
11	22 43	0 40	14 38	29 16	30 45	45	45	45	45	45	♂ ☐ ♀		*		Δ		☐	
12	22 39	0 32	14 56	30 2	31 2	2	2	2	2	2	♂ ☐ ♀			Δ			*	♈
13	22 35	0 24	15 15	1 41	3 3	3	3	3	3	3				☐			*	♈
14	22 31	0 16	15 34	2 53	4 57	57	57	57	57	57		♈		Δ		♈	Δ	
15	22 27	0 8	15 54	4 5	6 23	23	23	23	23	23			Δ		♈			
16	22 23	0 0	16 14	5 17	7 50	50	50	50	50	50				♈		☐	♈	*
17	22 19	29 52	16 35	6 29	9 17	17	17	17	17	17							♈	*
18	22 15	29 44	16 57	7 41	10 45	45	45	45	45	45			*	♈		Δ	*	
19	22 11	29 36	17 19	8 53	12 14	14	14	14	14	14	☉ ♂ ♀			♈	Δ			☐
20	22 6	29 28	17 41	10 5	13 43	43	43	43	43	43					Δ			
21	22 2	29 20	18 4	11 16	15 13	13	13	13	13	13	☉ Δ ♀	☐			☐		*	Δ
22	21 57	29 12	18 27	12 28	16 44	44	44	44	44	44							♈	
23	21 53	29 4	18 50	13 39	18 15	15	15	15	15	15	♂ Δ ♂	Δ	Δ	*		♈		Δ
24	21 48	28 56	19 13	14 51	19 47	47	47	47	47	47				*				☐
25	21 43	28 47	19 38	16 2	21 20	20	20	20	20	20					*			
26	21 39	28 39	20 0	17 13	22 53	53	53	53	53	53			☐				♈	Δ ♂
27	21 34	28 31	20 24	18 24	24 27	27	27	27	27	27							♈	*
28	21 30	28 23	20 48	19 35	26 1	1	1	1	1	1	♈ ☐ ♀	♈	*		♈	*	Δ	♈
29	21 25	28 16	21 13	20 46	27 36	36	36	36	36	36	♈ ☐ ♀	♈	*		♈		☐	
30	21 21	28 8	21 38	21 57	29 12	12	12	12	12	12	♀ * ♂			♈				
31	21 16	28 0	22 3	23 7	0 49	49	49	49	49	49								

FEBRUARY XXVIII DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	0 N 46	0 S 5	1 N 20	15 N 42	0 N 35	21 N 11
4	16	15	0 46	0 3	1 20	15 48	0 35	21 16
7	16	14	0 46	0 1	1 20	15 53	0 36	21 20
10	16	14	0 46	0 N 2	1 20	15 58	0 36	21 24
13	16	13	0 46	0 4	1 21	16 3	0 36	21 28
16	16	12	0 46	0 6	1 21	16 8	0 36	21 32
19	16	11	0 46	0 8	1 21	16 12	0 37	21 35
22	16	11	0 46	0 10	1 21	16 17	0 37	21 38
25	16	10	0 46	0 14	1 22	16 21	0 37	21 41
28	16	10	0 46	0 16	1 22	16 25	0 37	21 44

D M	D W	Sidereal Time.	☉ Long.		☉ Declin		☽ Long.		☽ Lat.		☽ Declin		♂ Long.	
		H. M. S.	°	'	°	'	°	'	°	'	°	'	°	'
1	S	20 44 51	12	m 14 45	17 8	9 11	m 35		2 N 28	9 N 30			1	59
2	M	20 48 47	13	15 35	16	51	24 17		1 26	3 35			1	58
3	Tu	20 52 44	14	16 23	16	34	7 11		0 18	2 35			1	57
4	W	20 56 41	15	17 11	16	16	20 18		0 53	8 45			1	56
5	Th	21 0 37	16	17 58	15	58	3 m 41		2 14	40			1	54
6	F	21 4 33	17	18 43	15	40	17 22		3 51	59			1	52
7	S	21 8 30	18	19 28	15	21	1 21		3 59	24 21			1	51
8	S	21 12 27	19	20 12	15	2 15	39		4 39	27 19			1	49
9	M	21 16 23	20	20 54	14	43	0 w 18		5 22	30			1	47
10	Tu	21 20 20	21	21 35	14	24	15 0		5 6	27 41			1	45
11	W	21 24 16	22	22 16	14	4	29 51		4 49	24 55			1	42
12	Th	21 28 13	23	22 54	13	44	14 m 39		4 13	20 29			1	40
13	F	21 32 9	24	23 32	13	24	29 15		3 21	14 53			1	38
14	S	21 36 6	25	24 8	13	4	13 32		2 17	8 35			1	36
15	S	21 40 2	26	24 42	12	44	27 26		1 6	2 2			1	34
16	M	21 43 59	27	25 14	12	23	10 54		0 N 6	4 N 25			1	32
17	Tu	21 47 56	28	25 45	12	2	23 56		1 16	10 29			1	30
18	W	21 51 52	29	26 14	11	41	6 36		2 21	15 57			1	28
19	Th	21 55 49	0	26 40	11	20	18 56		3 17	20 37			1	26
20	F	21 59 45	1	27 5	10	58	1 2		4 3	24 21			1	24
21	S	22 3 42	2	27 28	10	37	12 58		4 38	26 58			1	22
22	S	22 7 38	3	27 48	10	15	24 50		5 1	28 22			1	20
23	M	22 11 35	4	28 7	9	53	6 42		5 10	28 28			1	18
24	Tu	22 15 31	5	28 24	9	31	18 38		5 7	27 14			1	15
25	W	22 19 28	6	28 37	9	9	0 42		4 50	24 45			1	13
26	Th	22 23 25	7	28 50	8	46	12 55		4 20	21 6			1	10
27	F	22 27 21	8	29 0	8	24	25 20		3 37	16 29			1	8
28	S	22 31 18	9	29 9	8	1	7 m 58		2 42	11 6			1	6

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 50	20 N 11	0 S 36	2 S 49	1 S 52	21 S 27	12 r 14
4	1 50	20 31	0 24	1 16	2 0	20 22	12 4
7	1 50	20 51	0 12	0 N 19	2 4	19 4	11 55
10	1 50	21 11	0 N 1	1 52	2 5	17 33	11 45
13	1 50	21 30	0 - 13	3 27	2 2	15 48	11 36
16	1 50	21 50	0 28	5 0	1 54	13 50	11 26
19	1 50	22 8	0 41	6 32	1 42	11 40	11 17
22	1 50	22 26	0 57	8 1	1 25	9 18	11 7
25	1 50	22 43	1 11	9 31	1 2	6 46	10 58
28	1 50	23 0	1 26	10 56	0 34	4 7	10 48

[illegible]

MARCH XXXI DAYS.

D M	Sun's Semidia.	Herschel.	Saturn.	Jupiter.			
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 10	0 N 47	0 N 17	1 N 22	16 N 27	0 N 37	21 N 45
4	16 9	0 47	0 20	1 22	16 31	0 37	21 47
7	16 8	0 47	0 23	1 22	16 35	0 37	21 48
10	16 8	0 47	0 27	1 22	16 39	0 37	21 49
13	16 7	0 47	0 30	1 22	16 42	0 37	21 50
16	16 6	0 47	0 33	1 22	16 45	0 37	21 51
19	16 5	0 47	0 35	1 22	16 48	0 37	21 51
22	16 4	0 47	0 38	1 22	16 51	0 37	21 51
25	16 3	0 47	0 41	1 22	16 53	0 37	21 51
28	16 3	0 47	0 44	1 22	16 56	0 37	21 50
31	16 2	0 47	0 48	1 22	16 58	0 37	21 49

D M	D W	Sidereal Time.	☉ Long.			☉ Declin			♂ Long.			♂ Lat.			♂ Declin			♂ Long.		
		H. M. s.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	S	22 35 14	10	x	29 16	7	8	39	20	m	49	1	N	39	5	N	10	1	Δ	4
2	M	22 39 11	11		29 21	7		16	3	Δ	52	0		29	1	S	6	1	R	2
3	Tu	22 43 7	12		29 24	6		53	17		8	0	8	44	7		25	1		0
4	W	22 47 4	13		29 26	6		30	0	m	36	1		55	13		29	0		57
5	Th	22 51 0	14		29 26	6		7	14		15	3		1	19		1	0		55
6	F	22 54 57	15		29 24	5		44	28		5	3		57	23		37	0		52
7	S	22 58 51	16		29 21	5		20	12	f	6	4		40	26		54	0		50
8	S	23 2 50	17		29 17	4		57	26		16	5		7	28		32	0		47
9	M	23 6 47	18		29 10	4		34	10	w	33	5		15	28		17	0		45
10	Tu	23 10 43	19		29 2	4		10	24		55	5		3	26		8	0		42
11	W	23 14 40	20		28 53	3		47	9	m	18	4		33	22		20	0		39
12	Th	23 18 36	21		28 41	3		22	23		36	3		45	17		12	0		37
13	F	23 22 33	22		28 28	2		59	7	y	46	2		44	11		12	0		34
14	S	23 26 29	23		28 18	2		35	21		42	1		34	4		45	0		32
15	S	23 30 26	24		27 56	2		12	5	r	20	0		20	1	N	49	0		29
16	M	23 34 23	25		27 37	1		48	18		39	0	N	53	8		8	0		26
17	Tu	23 38 19	26		27 16	1		25	1	3	38	2		2	13		58	0		24
18	W	23 42 16	27		26 52	1			14		18	3		3	19		3	0		21
19	Th	23 46 12	28		26 26	0		37	26		40	3		54	23		14	0		19
20	F	23 50 9	29		25 58	0		14	8	Π	49	4		34	26		18	0		16
21	S	23 54 5	0	r	25 28	0	N	10	20		47	5		1	28		9	0		13
22	S	23 58 2	1		24 55	0		34	2	5	41	5		15	28		41	0		10
23	M	0 1 58	2		24 20	0		57	14		34	5		15	27		54	0		7
24	Tu	0 5 55	3		23 42	1		21	26		31	5		2	25		49	0		5
25	W	0 9 52	4		23 2	1		45	8	Ω	36	4		36	22		34	0		3
26	Th	0 13 48	5		22 20	2		8	20		54	3		57	18		17	0		0
27	F	0 17 45	6		21 35	2		32	3	m	26	3		5	13		8	29	m	57
28	S	0 21 43	7		20 48	2		55	16		16	2		3	7		19	29		55
29	S	0 25 38	8		19 59	3		19	29		23	0		53	1		4	29		52
30	M	0 29 34	9		19 8	3		42	12	Δ	49	0	S	21	5	S	23	29		49
31	Tu	0 33 31	10		18 14	4		5	26		30	1		35	11		43	29		47

MARCH XXXI DAYS.

D. M.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 49	23 N 6	1 N 31	11 N 27	0 S 23	3 S 14	10 r 45
4	1 49	23 22	1 47	12 49	0 N 12	0 33	10 35
7	1 48	23 36	2 2	14 13	0 50	2 N 0	10 26
10	1 48	23 50	2 18	15 29	1 31	4 19	10 16
13	1 47	24 3	2 33	16 47	2 9	6 15	10 7
16	1 47	24 16	2 49	17 59	2 44	7 41	9 57
19	1 46	24 25	3 4	19 8	3 10	8 32	9 48
22	1 46	24 34	3 21	20 13	3 25	8 43	9 38
25	1 45	24 43	3 34	21 14	3 25	8 17	9 29
28	1 45	24 50	3 49	22 10	3 10	7 16	9 19
31	1 44	24 58	4 3	23 6	2 40	5 52	9 10

D	h	♂	♀	♂	♀	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	☿	♂	♀	♂	♀
1	18 25 58	25 25 8	5 11 49	25 17 57	22 14 47					*			♂
2	18 25 53	25 25 4	6 20 27	124 37		♂ Δ ♀		♂			Δ		
3	18 49 25	1	6 51 28	526 24					*				
4	18 46 24	58	7 22 29	928 9						□		♂	
5	18 41 24	55	7 53 08	1329 51			Δ		□				
6	18 37 24	52	8 24 1	171 30		♂ ♀ ☽		*		Δ			Δ
7	18 33 24	49	8 56 2	203 6			□		Δ		♂		
8	18 29 24	47	9 28 3	234 87				□					
9	18 25 24	44	10 0 4	256 2								Δ	□
10	18 21 24	42	10 32 5	277 22			*	Δ		♂			
11	18 17 24	40	11 4 6	298 36						♂		Δ	□
12	18 13 24	38	11 36 7	319 44					♂				*
13	18 10 24	36	12 8 8	3210 46							□	*	
14	18 6 24	35	12 40 9	3311 41			♂		Δ				
15	18 3 24	34	12 10 10	3312 27		☉ Δ ♀		♂					
16	18 0 24	33	13 45 11	3213 5					Δ	□	*		♂
17	17 56 24	32	14 17 12	3113 35						□	*		♂
18	17 53 24	31	14 49 13	3013 57						□		♂	
19	17 50 24	31	15 22 14	2914 12			*	Δ		*			
20	17 47 24	31	15 55 15	2714 19									*
21	17 44 24	D 31 16	28 16 24	14 18		☉ ♀ ☽	☉	♂	☽	*		♂	
22	17 42 24	31 17	1 17 21	14 8		♀ ☉ ♀	□	☉	♂				
23	17 39 24	31 17	34 18	17 13	51	♂ * ♀		*				*	□
24	17 36 24	32 18	7 19	18 13	28			*		♂			
25	17 34 24	32 18	40 20	8 12	59		Δ						Δ
26	17 32 24	33 19	18 21	3 12	24				♂		*	□	
27	17 30 24	34 19	46 21	57 11	44								
28	17 27 24	35 20	20 22	50 11	0						□		
29	17 25 24	36 20	53 23	42 10	14	♀ * ♀	♂		*			Δ	
30	17 22 24	38 21	27 24	33 9	26	☉ ♂ ♀	♂		*				♂
31	17 20 24	40 22	0 25	25 8	36					□	Δ		

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 47	0 N 49	1 N 22	16 N 58	0 N 37	21 N 49
4	16	0	0 47	0 52	1 22	16 59	0 37	21 48
7	15	59	0 47	0 56	1 21	17 0	0 37	21 46
10	15	58	0 47	0 59	1 21	17 1	0 37	21 44
13	15	58	0 46	1 1	1 21	17 2	0 37	21 42
16	15	57	0 46	1 3	1 21	17 2	0 37	21 40
19	15	56	0 46	1 5	1 21	17 2	0 37	21 37
22	15	56	0 46	1 7	1 21	17 2	0 37	21 34
25	15	55	0 46	1 10	1 20	17 1	0 37	21 30
28	15	54	0 46	1 12	1 20	17 0	0 37	21 26

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	W	0 37 27	11 r 17 19	4 N 28	10 m 26	2 S 45	17 S 35	29 w 45
2	Th	0 41 24	12 16 22	4 51	24 31	3 46	22 35	29 R 42
3	F	0 45 21	13 15 24	5 14	8 f 44	4 34	26 17	29 39
4	S	0 49 17	14 14 23	5 37	23 0	5 52	28 21	29 37
5	S	0 53 14	15 13 22	6 0	7 w 15	5 17	28 32	29 34
6	M	0 57 10	16 12 15	6 23	21 28	5 10	26 51	29 32
7	Tu	1 1 7	17 11 12	6 45	5 m 36	4 44	23 28	29 29
8	W	1 5 3	18 10 5	7 8	19 36	4 11	18 46	29 26
9	Th	1 9 0	19 8 57	7 30	3 x 27	3 51	13 7	29 24
10	F	1 12 56	20 7 46	7 53	17 8	1 59	6 55	29 22
11	S	1 16 53	21 6 34	8 15	0 r 36	0 47	0 29	29 20
12	S	1 20 50	22 5 19	8 37	13 52	0 N 26	5 N 58	29 18
13	M	1 24 46	23 4 3	8 59	26 53	1 37	11 53	29 15
14	Tu	1 28 43	24 2 45	9 20	9 x 39	2 41	17 16	29 13
15	W	1 32 39	25 1 25	9 42	22 11	3 36	21 49	29 10
16	Th	1 36 36	26 0 31	10 3	4 11 30	4 20	25 19	29 8
17	F	1 40 32	26 58 39	10 24	16 38	4 52	27 38	29 6
18	S	1 44 29	27 57 12	10 45	28 36	5 10	28 37	29 4
19	S	1 48 25	28 55 44	11 6	10 x 30	5 15	28 17	29 2
20	M	1 52 22	29 54 13	11 27	22 23	5 6	26 36	29 0
21	Tu	1 56 18	0 x 52 40	11 48	4 x 19	4 45	23 48	28 58
22	W	2 0 15	1 51 41	12 8	16 23	4 10	19 55	28 56
23	Th	2 4 12	2 49 27	12 28	28 40	3 24	15 8	28 54
24	F	2 8 8	3 47 47	12 48	11 w 14	2 26	9 37	28 52
25	S	2 12 5	4 46 6	13 5	24 9	1 20	3 33	28 50
26	S	2 16 1	5 44 22	13 27	7 x 27	0 8	2 S 50	28 48
27	M	2 19 58	6 42 36	13 46	21 8	1 S 6	9 17	28 46
28	Tu	2 23 54	7 40 49	14 5	5 m 11	2 19	15 27	28 44
29	W	2 27 51	8 39 0	14 24	19 32	3 24	20 54	28 42
30	Th	2 31 47	9 37 9	14 43	4 f 7	4 17	25 12	28 40

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 43	24 N 59	4 N 6	28 N 20	2 N 27	5 N 21	9 r 7
4	1 42	25 3	4 18	24 4	1 44	3 44	8 57
7	1 41	25 6	4 30	24 48	0 55	2 55	8 48
10	1 40	25 7	4 40	25 26	0 7	1 7	8 38
13	1 40	25 8	4 50	25 57	0 S 38	0 19	8 29
16	1 39	25 6	4 57	26 22	1 18	0 S 7	8 19
19	1 38	25 5	5 3	26 47	1 51	0 9	8 10
22	1 37	25 1	5 6	27 1	2 17	0 N 9	8 0
25	1 36	24 56	5 9	27 15	2 37	0 47	7 51
28	1 35	24 50	5 7	27 21	2 51	1 41	7 41

D M	h		♈		♀		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.		☉	♈	♉	♊	♋	♌	♍	♎
1	17 Q 18	24 55 42	22 34	26 8 16	7 r 46										
2	17 R 16	24 44 23	7 27	6 6 B 58					*		Δ		♋		Δ
3	17 15	24 46 23	41 27	55 6 12				Δ							
4	17 13	24 49 24	15 28	43 5 28					□	Δ			♋		
5	17 12	24 52 24	49 29	30 4 47	♀ Δ ♈										□
6	17 10	24 55 25	23 0 17	4 11				□				♋			
7	17 9	24 58 25	57 1 3	3 39	☉ Δ ♈			*	Δ					Δ	*
8	17 8	25 1 26	31 1 49	3 12				*		♋					
9	17 7	25 5 27	5 2 33	2 50	♋ * ♋								Δ	□	
10	17 6	25 9 27	39 3 15	2 33											
11	17 5	25 13 28	13 3 56	2 20					♋		Δ	□	*		♌
12	17 4	25 17 28	47 4 36	2 D 11						Δ					
13	17 4	25 21 29	22 5 15	2 14	♋ □ ♈	♌					□	*			
14	17 3	25 25 29	56 5 53	2 18											
15	17 3	25 29 31	6 30 2	27	☉ □ ♈					□	*				
16	17 2	25 34 1	5 7 6	2 42					Δ					♌	*
17	17 2	25 39 1	40 7 40	3 1						*					
18	17 D	25 44 2	14 8 13	3 24				*	□				♌		□
19	17 2	25 49 2	49 8 44	3 52											
20	17 2	25 54 3	23 9 13	4 24							♌				
21	17 3	25 59 3	58 9 41	5 0				□	*					*	Δ
22	17 3	26 5 4	33 10 7	5 40						♌					
23	17 4	26 11 5	8 10 32	6 24				Δ							
24	17 4	26 17 5	43 10 57	7 14									*	□	
25	17 5	26 22 6	18 11 20	8 0					♌		*				
26	17 6	26 29 6	53 11 42	8 53								□	Δ	♋	
27	17 7	26 35 7	28 12 0	9 52						*	□				
28	17 8	26 42 8	8 12 16	10 51				♋					Δ		
29	17 9	26 49 8	38 12 30	11 54	☉ * ♋					□	Δ				
30	17 10	26 56 9	13 12 40	13 0				*							

10		RAPHAEL'S ASTRONOMICAL EPHEMERIS.										[1801.	
MAY XXXI DAYS.													
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.						
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.					
	°	'	°	'	°	'	°	'	°	'	°	'	
1	15	54	0 N46	1 N15	1 N20	16 N58	0 N37	21 N23					
4	15	54	0 46	1 17	1 20	16 57	0 37	21 19					
7	15	53	0 46	1 19	1 20	16 55	0 37	21 14					
10	15	52	0 46	1 20	1 20	16 53	0 37	21 9					
13	15	51	0 46	1 21	1 19	16 51	0 37	21 4					
16	15	51	0 46	1 22	1 19	16 48	0 37	20 59					
19	15	50	0 45	1 23	1 19	16 45	0 37	20 53					
22	15	50	0 45	1 24	1 19	16 42	0 37	20 47					
25	15	49	0 45	1 25	1 19	16 38	0 37	20 41					
28	15	49	0 45	1 26	1 19	16 34	0 37	20 35					
31	15	48	0 45	1 26	1 19	16 31	0 37	20 30					
D M	D W	Sidereal Time.	☉ Long.		☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.				
		H. M. S.	°	'	°	°	'	°	'	°	'	°	'
1	F	2 35 44	10 35	17	15 N 1	18 47	48 53	27 S 52	28 38				28 38
2	S	2 39 41	11 33	23	15 19	3 27	5 11	28 36	28 36				28 36
3	S	2 43 37	12 31	28	15 37	17 59	5 8	27 20	28 35				28 35
4	M	2 47 34	13 29	31	15 54	2 20	4 46	24 18	28 33				28 33
5	Tu	2 51 30	14 27	34	16 12	16 26	4 6	19 51	28 32				28 32
6	W	2 55 27	15 25	34	16 29	0 15	3 14	14 25	28 30				28 30
7	Th	2 59 23	16 23	34	16 46	13 49	2 11	8 23	28 28				28 28
8	F	3 3 20	17 21	33	17 22	27 8	1 2	2 5	28 27				28 27
9	S	3 7 16	18 19	30	17 18	10 13	0 N 9	4 N11	28 25				28 25
10	S	3 11 13	19 17	26	17 34	23 6	1 18	10 12	28 24				28 24
11	M	3 15 10	20 15	20	17 50	5 47	2 27	15 42	28 23				28 23
12	Tu	3 19 6	21 13	14	18 5	18 17	3 18	20 28	28 22				28 22
13	W	3 23 3	22 11	5	18 20	0 37	4 4	24 17	28 21				28 21
14	Th	3 26 59	23 8	56	18 35	12 48	4 38	26 57	28 20				28 20
15	F	3 30 56	24 6	45	18 49	24 50	4 59	28 21	28 19				28 19
16	S	3 34 52	25 4	32	19 3	6 47	5 7	28 24	28 18				28 18
17	S	3 38 49	26 2	17	19 17	18 39	5 2	27 9	28 17				28 17
18	M	3 42 45	27 0	2	19 31	0 31	4 44	24 41	28 16				28 16
19	Tu	3 46 42	27 57	44	19 44	12 25	4 13	21 8	28 15				28 15
20	W	3 50 39	28 55	25	19 56	24 27	3 31	16 42	28 14				28 14
21	Th	3 54 35	29 53	4	20 9	6 42	2 39	11 31	28 13				28 13
22	F	3 58 32	0 50	41	20 21	19 13	1 38	5 46	28 12				28 12
23	S	4 2 28	1 48	17	20 33	2 7	0 30	0 S23	28 11				28 11
24	S	4 6 25	2 45	52	20 44	15 26	0 S41	6 43	28 11				28 11
25	M	4 10 21	3 43	25	20 55	29 12	1 53	12 58	28 10				28 10
26	Tu	4 14 18	4 40	57	21 6	13 26	2 59	18 44	28 9				28 9
27	W	4 18 14	5 38	57	21 16	28 4	3 56	23 35	28 9				28 9
28	Th	4 22 11	6 35	57	21 26	13 0	4 37	26 58	28 8				28 8
29	F	4 26 8	7 33	26	21 36	28 4	5 0	28 27	28 8				28 8
30	S	4 30 4	8 30	53	21 45	13 9	5 2	27 50	28 7				28 7
31	S	4 34 1	9 28	20	21 54	28 2	4 44	25 13	28 7				28 7

MAY XXXI. DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 35	24 N 41	5 N 3	27 N 22	28 58	2 N 50	7 r 32
4	1 34	24 31	5 54	27 14	8 0	4 13	7 22
7	1 33	24 21	4 41	27 2	2 56	5 48	7 13
10	1 32	24 9	4 26	26 37	2 46	7 32	7 3
13	1 31	23 54	4 1	26 12	2 32	9 24	6 54
16	1 30	23 40	3 31	25 31	2 13	11 23	6 44
19	1 29	23 23	3 2	24 50	1 50	13 27	6 35
22	1 28	23 4	2 30	23 55	1 23	15 33	6 25
25	1 27	22 46	1 46	22 59	0 53	17 37	6 15
28	1 26	22 26	1 4	21 58	0 22	19 36	6 6
31	1 25	22 3	0 20	20 50	0 N 10	21 24	5 56

D M	h		♄		♅		♆		♇		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /								
1	17 12	11 27	5 3	9 54	12 11	48 14	7 8							Δ			♌	Δ
2	17 12	27 10	10 23	12 54	15 18								□				♌	
3	17 14	27 17	10 58	12 59	16 31							Δ						□
4	17 15	27 25	11 33	13 2	17 48	♄ Δ h						Δ		♌				
5	17 17	27 32	12 8	13 2	19 7							□		♌			Δ	*
6	17 19	27 39	12 43	13 1	20 27													
7	17 20	27 47	13 18	12 59	21 49							*				Δ	□	
8	17 22	27 55	13 53	12 54	23 18	☉ □ h							♌		Δ			
9	17 24	28 3	14 29	12 46	24 40												*	
10	17 26	28 11	15 4	12 34	26 10									Δ	□	□		♌
11	17 29	28 20	15 40	12 19	27 42													
12	17 31	28 28	16 15	12 2	29 16	♄ * ♄	♌	♌				♌		□		*		
13	17 34	28 36	16 51	11 42	0 51									Δ		*		♌
14	17 36	28 45	17 26	11 20	2 28										*			♌
15	17 39	28 54	18 2	10 56	4 8								□					
16	17 42	29 3	18 37	10 31	5 51												♌	*
17	17 45	29 12	19 18	10 4	7 35												♌	
18	17 48	29 21	19 43	9 36	9 21							*	*		♌			
19	17 51	29 30	20 24	9 8	11 10	☉ Δ ♄	♄					☉		♌		♌	*	□
20	17 54	29 39	20 59	8 32	13 1							□						
21	17 58	29 48	21 35	7 57	14 54	☉ * ♄											□	
22	18 1	29 57	22 11	7 22	16 48												*	Δ
23	18 5	0 7	22 47	6 46	18 45	♄ □ h	Δ	♌				Δ			*		Δ	
24	18 8	0 16	23 23	6 10	20 44									*				
25	18 12	0 26	23 59	5 33	22 45	♄ * ♌									□	□		
26	18 16	0 36	24 35	4 57	24 45	☉ ♌ ♌								□				
27	18 20	0 46	25 11	4 21	26 46								*		Δ	Δ	♌	♌
28	18 24	0 56	25 47	3 44	28 57	♄ Δ ♄	♄							Δ				
29	18 29	1 6	26 23	3 7	1 2	♄ * ♄							□					
30	18 32	1 16	26 59	2 30	3 11	♄ ♌ ♌												
31	18 36	1 26	27 35	1 53	5 24	♄ * ♄							Δ		♌	♌	Δ	

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 45	1 N 26	1 N 18	16 N 29	0 N 37	20 N 25
4	15	48	0 45	1 26	1 18	16 25	0 37	20 18
7	15	47	0 45	1 25	1 18	16 21	0 37	20 11
10	15	47	0 45	1 25	1 18	16 16	0 37	20 4
13	15	46	0 44	1 25	1 18	16 11	0 37	19 56
16	15	46	0 44	1 24	1 18	16 6	0 37	19 48
19	15	46	0 44	1 24	1 18	16 0	0 37	19 39
22	15	46	0 44	1 23	1 17	15 54	0 37	19 30
25	15	46	0 44	1 22	1 17	15 49	0 37	19 22
28	15	45	0 44	1 20	1 17	15 43	0 37	19 13

D M	D W	Siderea' Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	4 37 57	10 25 46	22 N 2	12 37	48 7	20 S 59	28 7
2	Tu	4 41 54	11 23 12	22 10	26 51	3 15	15 38	28 7
3	W	4 45 50	12 20 37	22 18	10 42	2 14	9 38	28 7
4	Th	4 49 47	13 18 22	22 25	24 10	1 7	3 20	28 7
5	F	4 53 43	14 15 25	22 32	7 18	0 N 3	2 N 56	28 7
6	S	4 57 40	15 12 49	22 39	20 8	1 10	8 58	28 D 7
7	S	5 1 37	16 10 12	22 45	2 45	2 13	14 31	28 7
8	M	5 5 33	17 7 35	22 51	15 10	3 9	19 24	28 7
9	Tu	5 9 30	18 4 56	22 56	27 25	3 54	23 24	28 8
10	W	5 13 26	19 2 18	23 1	9 33	4 29	26 20	28 8
11	Th	5 17 23	19 59 39	23 5	21 35	4 51	28 2	28 8
12	F	5 21 19	20 56 59	23 9	3 32	5 0	28 25	28 9
13	S	5 25 16	21 54 19	23 13	15 25	4 56	27 29	28 10
14	S	5 29 12	22 51 37	23 16	27 16	4 40	25 18	28 10
15	M	5 33 9	23 48 55	23 19	9 8	4 11	22 1	28 11
16	Tu	5 37 6	24 46 12	23 22	21 2	3 31	17 50	28 12
17	W	5 41 2	25 43 29	23 24	3 4	2 41	12 54	28 12
18	Th	5 44 59	26 40 44	23 26	15 16	1 43	7 24	28 13
19	F	5 48 55	27 37 59	23 27	27 45	0 39	1 29	28 13
20	S	5 52 52	28 35 14	23 28	10 35	0 8	29 4	28 14
21	S	5 56 48	29 32 27	23 28	23 49	1 37	10 46	28 14
22	M	6 0 45	0 29 39	23 28	7 33	2 42	16 36	28 15
23	Tu	6 4 42	1 26 52	23 28	21 46	3 40	21 46	28 16
24	W	6 8 38	2 24 3	23 27	6 27	4 25	25 45	28 17
25	Th	6 12 35	3 21 15	23 26	21 30	4 53	28 4	28 18
26	F	6 16 31	4 18 26	23 24	6 46	5 0	28 17	28 19
27	S	6 20 28	5 15 36	23 22	22 4	4 46	26 22	28 20
28	S	6 24 24	6 12 47	23 19	7 16	4 13	22 33	28 21
29	M	6 28 21	7 9 58	23 16	23 4	3 22	17 21	28 22
30	Tu	6 32 17	8 7 9	23 13	6 30	2 20	11 18	28 23

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 25	21 N 56	0 N 7	20 N 33	0 N 21	21 N 57	5 r 58
4	1 24	21 33	0 S 27	19 36	0 51	23 22	5 48
7	1 23	21 7	1 13	18 39	1 16	24 25	5 34
10	1 21	20 41	1 44	17 53	1 37	25 3	5 24
13	1 20	20 14	2 19	17 13	1 51	25 16	5 15
16	1 19	19 45	2 41	16 47	1 58	25 6	5 6
19	1 18	19 16	3 8	16 22	1 58	24 36	4 56
22	1 17	18 45	3 24	16 10	1 53	23 49	4 46
25	1 16	18 14	3 42	16 5	1 41	22 48	4 37
28	1 15	17 43	3 49	16 8	1 24	21 38	4 27

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	18 24	1 37	28 25	11 1	1 16	7 35	♈ * ♈	Δ		♈				Δ
2	18 45	1 47	28 47	0 41	9 48									
3	18 49	1 58	29 23	0 8	12 0		☉ ☿ ♈	□						□
4	18 54	2 8	29 59	29 38	14 11				♈			Δ	*	
5	18 58	2 19	0 35	29 11	16 22						Δ			
6	19 2	2 29	1 11	28 46	18 33	♈ * ♈	*			Δ				*
7	19 7	2 40	1 47	28 24	20 44						□	□		
8	19 12	2 51	2 23	28 3	22 54	♈ Δ ♈				□	*	*	☉	
9	19 17	3 2	2 59	27 44	25 3	♈ ☉ ♈		Δ			*	*		
10	19 22	3 13	3 36	27 27	27 11	☉ * ♈								
11	19 27	3 24	4 12	27 12	29 17	♈ ☉ ♈		☉	□	*				☉
12	19 32	3 35	4 48	26 59	1 21									
13	19 37	3 47	5 25	26 49	3 23									
14	19 42	3 58	6 1	26 45	5 23			*					*	
15	19 48	4 10	6 38	26 41	7 21						☉	☉		
16	19 53	4 21	7 14	26 38	9 18			*		☉			□	
17	19 59	4 33	7 51	26 38	11 12									
18	20 4	4 45	8 27	26 39	13 4									*
19	20 10	4 57	9 4	26 39	14 53			□	☉				Δ	
20	20 15	5 8	9 40	26 42	16 40	☉ ☉ ♈					*	*		
21	20 21	5 20	10 16	26 48	18 25			Δ		*				□
22	20 27	5 32	10 53	26 53	20 9						□	□		
23	20 33	5 44	11 29	27 12	21 50				*	□			♈	Δ
24	20 39	5 56	12 5	27 29	23 28						Δ	Δ		
25	20 45	6 8	12 42	27 49	25 3				□	Δ				
26	20 51	6 20	13 18	28 10	26 36	♈ Δ ♈		♈						
27	20 57	6 32	13 55	28 32	28 7	♈ * ♈		Δ					Δ	♈
28	21 3	6 44	14 32	28 54	29 37	♈ * ♈					♈	♈		
29	21 9	6 57	15 9	29 17	1 4					♈			□	
30	21 15	7 9	15 46	29 41	2 27			Δ						

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 44	1 N 18	1 N 17	15 N 37	0 S 37	19 N 4
4	15	45	0 44	1 16	1 17	15 31	0 37	18 54
7	15	45	0 44	1 14	1 17	15 24	0 38	18 44
10	15	46	0 44	1 11	1 17	15 18	0 38	18 34
13	15	46	0 43	1 8	1 17	15 11	0 38	18 24
16	15	46	0 43	1 6	1 17	15 3	0 38	18 14
19	15	46	0 43	1 4	1 17	14 57	0 38	18 4
22	15	46	0 43	1 3	1 17	14 50	0 38	17 53
25	15	47	0 43	1 0	1 17	14 43	0 38	17 42
28	15	47	0 43	0 57	1 17	14 36	0 39	17 31
31	15	47	0 43	0 54	1 17	14 29	0 39	17 20

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	6 36 14	9 55 4 21	23 N 9	20 28	1 S 11	4 S 51	28 25
2	Th	6 40 11	10 1 32	23 5	3 59	0 0	1 N 35	28 25
3	F	6 44 7	10 58 44	23 11	7 6	1 N 9	7 47	28 26
4	S	6 48 4	11 55 56	22 56	29 52	2 12	13 30	28 28
5	S	6 52 0	12 53 9	22 50	12 20	3 8	18 32	28 29
6	M	6 55 57	13 50 22	22 45	24 36	3 54	22 43	28 31
7	Tu	6 59 53	14 47 36	22 39	6 42	4 28	25 52	28 33
8	W	7 3 50	15 44 50	22 32	18 42	4 51	27 49	28 35
9	Th	7 7 46	16 42 42	22 25	0 37	5 0	28 28	28 37
10	F	7 11 43	17 39 19	22 18	12 30	4 56	27 48	28 39
11	S	7 15 40	18 36 34	22 10	24 21	4 40	25 52	28 41
12	S	7 19 36	19 33 49	22 2	6 14	4 11	22 48	28 43
13	M	7 23 33	20 31 52	21 54	18 8	3 32	18 46	28 45
14	Tu	7 27 29	21 28 20	21 45	0 6	2 42	18 59	28 47
15	W	7 31 26	22 25 36	21 36	12 11	1 45	8 37	28 49
16	Th	7 35 22	23 22 52	21 26	24 27	0 42	2 51	28 52
17	F	7 39 19	24 20 9	21 16	6 56	0 S 25	3 S 8	28 54
18	S	7 43 15	25 17 25	21 6	19 44	1 31	9 9	28 56
19	S	7 47 12	26 14 41	20 56	2 55	2 35	14 56	28 58
20	M	7 51 9	27 11 58	20 45	16 32	3 33	20 12	29 0
21	Tu	7 55 5	28 9 14	20 34	0 36	4 19	24 32	29 2
22	W	7 59 2	29 6 32	20 22	15 8	4 51	27 27	29 4
23	Th	8 2 58	0 8 49	20 10	0 3	5 4	28 32	29 7
24	F	8 6 55	1 1 7	19 57	15 15	4 56	27 30	29 9
25	S	8 10 51	1 58 26	19 45	0 33	4 27	24 24	29 12
26	S	8 14 48	2 55 45	19 32	15 45	3 39	19 37	29 14
27	M	8 18 44	3 53 5	19 18	0 42	2 37	13 41	29 16
28	Tu	8 22 41	4 50 26	19 5	15 16	1 26	7 8	29 18
29	W	8 26 38	5 47 48	18 51	29 23	0 11	0 25	29 21
30	Th	8 30 34	6 45 11	18 36	13 1	1 N 2	6 N 6	29 24
31	F	8 34 31	7 42 36	18 22	26 12	2 9	12 8	29 26

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	1 N 14	17 N 7	4 S 8	16 N 14	1 N 2	20 N 20	4 r 18
4	1 12	16 32	4 9	16 25	0 35	18 57	4 8
7	1 11	15 56	4 13	16 43	0 4	17 33	3 59
10	1 10	15 19	4 14	17 2	0 S 30	16 9	3 49
13	1 9	14 42	4 13	17 23	1 7	14 48	3 40
16	1 8	14 3	4 11	17 48	1 47	13 34	3 80
19	1 7	13 24	4 7	18 9	2 28	12 29	3 21
22	1 5	12 43	4 2	18 34	3 9	11 37	3 11
25	1 4	12 3	3 55	18 54	3 47	11 1	3 2
28	1 3	11 20	3 47	19 16	4 19	10 44	2 52
31	1 2	10 35	3 39	19 36	4 43	10 48	2 43

D	h	♈	♉	♊	♋	♌	♍	Mutual	Lunar Aspects.							
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	♈	♉	♊	♋	♌	♍	♎	♏
1	21 22	7 22	16 23	0 11	6 3	2 49										
2	31 28	7 34	16 59	0 33	5 9		☐	♂		Δ				*		Δ
3	21 35	7 46	17 36	1 3	6 26				Δ				Δ			
4	21 41	7 58	18 13	1 34	7 39	♂♂♂										
5	21 48	8 11	18 50	2 7	8 50		*			☐						☐
6	21 54	8 23	19 27	2 42	9 59			Δ	☐			☐				
7	22 1	8 36	20 4	3 19	11 5					*				♂		*
8	22 7	8 48	20 41	3 56	12 8				*			*				
9	22 14	9 1	21 18	4 34	13 8		☐									
10	22 21	9 14	21 55	5 13	14 5		♂									
11	22 27	9 27	22 32	5 53	14 59	♂♂♂		*								
12	22 34	9 40	23 9	6 34	15 50					♂				*		
13	22 41	9 53	23 47	7 15	16 37					♂			♂			♂
14	22 48	10 5	24 24	7 57	17 20											
15	22 55	10 18	25 1	8 41	18 0										☐	
16	23 2	10 31	25 38	9 26	18 37			*	♂							
17	23 9	10 44	26 15	10 12	19 10						*			Δ		
18	23 16	10 57	26 52	10 59	19 38	♀*♂	☐		*							*
19	23 23	11 10	27 30	11 46	20 2							*				
20	23 30	11 23	28 7	12 34	20 21						☐					☐
21	23 37	11 36	28 44	13 23	20 35		Δ	*	☐			☐				
22	23 44	11 49	29 22	14 13	20 45	☉*♂				Δ				♂		Δ
23	23 51	12 2	29 59	15 3	20 50			☐		Δ			Δ			
24	23 58	12 15	30 36	15 54	20 50											
25	24 6	12 28	1 14	16 45	20 45		♂	Δ								
26	24 13	12 41	1 52	17 37	20 35						♂				Δ	♂
27	24 21	12 54	2 29	18 30	20 20						♂			♂		
28	24 28	13 7	3 7	19 24	20 0										☐	
29	24 35	13 20	3 44	20 18	19 35	♀*♀	Δ	♂								
30	24 43	13 33	4 22	21 12	19 6						Δ					Δ
31	24 50	13 46	4 59	22 7	18 32									*		

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 42	0 N 51	1 N 18	14 N 26	0 N 39	17 N 1
4	15	47	0 42	0 47	1 18	14 18	0 39	17
7	15	48	0 42	0 43	1 18	14 11	0 39	16
10	15	48	0 42	0 39	1 18	14 3	0 39	16
13	15	49	0 42	0 36	1 18	13 56	0 40	16
16	15	49	0 42	0 32	1 18	13 49	0 40	16
19	15	50	0 42	0 29	1 19	13 41	0 40	16
22	15	50	0 42	0 26	1 19	13 33	0 40	15
25	15	51	0 42	0 22	1 19	13 25	0 41	15
28	15	51	0 42	0 18	1 19	13 17	0 41	15
31	15	52	0 42	0 14	1 19	13 10	0 41	15

D M	D W	Sidereal Time.	☉		☉		♃		♃		♃ Long.
			Long.	Declin.	Long.	Lat.	Declin.	Long.	Lat.	Declin.	
		H. M. S.	°	'	°	'	°	'	°	'	°
1	S	8 38 27	8 40	1 18 N 7	9 5 0	3 N 8	17 N 28	29 41	29 41	29 41	29 41
2	S	8 42 24	9 37 28	17 51 21	28 3	56 21	56 21	29 3	29 3	29 3	29 3
3	M	8 46 20	10 34 56	17 36 3	41 4	32 25	22 29	3	29 3	29 3	29 3
4	T	8 50 17	11 32 26	17 20 15	43 4	56 27	36 29	3	29 3	29 3	29 3
5	W	8 54 13	12 29 57	17 4 27	89 5	6 28	33 29	4	29 4	29 4	29 4
6	Th	8 58 10	13 27 29	16 48 9	31 6	4 28	10 29	4	29 4	29 4	29 4
7	F	9 2 7	14 25 2	16 31 21	22 4	48 26	30 29	4	29 4	29 4	29 4
8	S	9 6 3	15 22 37	16 15 3	15 4	20 23	40 29	5	29 5	29 5	29 5
9	S	9 10 0	16 20 13	15 57 15	11 3	40 19	48 29	5	29 5	29 5	29 5
10	M	9 13 56	17 17 50	15 40 27	12 2	50 15	7 29	5	29 5	29 5	29 5
11	Tu	9 17 53	18 15 28	15 22 9	19 1	52 9	49 29	5	29 5	29 5	29 5
12	W	9 21 49	19 13 8	15 5 21	34 0	48 4	5 0	1	0 1	0 1	0 1
13	Th	9 25 46	20 10 48	14 46 4	0	8 19	18 53	0	0	0	0
14	F	9 29 42	21 8 29	14 28 16	38 1	27 7	53 0	0	0	0	0
15	S	9 33 39	22 6 11	14 9 29	32 2	32 13	41 0	1	0 1	0 1	0 1
16	S	9 37 36	23 3 55	13 51 12	44 3	30 19	0 0	1	0 1	0 1	0 1
17	M	9 41 32	24 1 39	13 32 26	17 4	18 23	31 0	1	0 1	0 1	0 1
18	Tu	9 45 29	24 59 24	13 12 10	13 4	53 26	50 0	2	0 2	0 2	0 2
19	W	9 49 25	25 57 11	12 53 24	31 5	11 28	31 0	2	0 2	0 2	0 2
20	Th	9 53 22	26 54 58	12 33 9	9 5	8 28	16 0	2	0 2	0 2	0 2
21	F	9 57 18	27 52 46	12 13 24	3 4	46 26	1 0	3	0 3	0 3	0 3
22	S	10 1 15	28 50 36	11 53 9	4 4	4 21	55 0	3	0 3	0 3	0 3
23	S	10 5 11	29 48 28	11 33 24	3 3	5 16	25 0	3	0 3	0 3	0 3
24	M	10 9 8	0 46 20	11 12 8	53 1	54 10	0 0	4	0 4	0 4	0 4
25	Tu	10 13 5	1 44 14	10 52 23	25 0	37 3	11 0	4	0 4	0 4	0 4
26	W	10 17 1	2 42 10	10 31 7	33 0	N 41	3 N 37	0	0 4	0 4	0 4
27	Th	10 20 58	3 40 8	10 10 21	16 1	54 10	3 0	5	0 5	0 5	0 5
28	F	10 24 54	4 38 7	9 49 48	32 2	58 15	50 0	5	0 5	0 5	0 5
29	S	10 28 50	5 36 8	9 28 17	25 3	51 20	45 0	5	0 5	0 5	0 5
30	S	10 32 47	6 34 12	9 7 29	56 4	32 24	35 1	5	0 5	0 5	0 5
31	M	10 36 44	7 32 17	8 45 12	11 4	59 27	14 1	5	0 5	0 5	0 5

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 42	0 N 11	1 N 20	13 N 7	0 N 42	15 N 15
4	15	54	0 42	0 7	1 20	13 0	0 42	15 3
7	15	55	0 42	0 2	1 20	12 52	0 42	14 51
10	15	56	0 42	0 S 4	1 20	12 45	0 42	14 39
13	15	57	0 41	0 7	1 21	12 37	0 43	14 27
16	15	57	0 41	0 11	1 21	12 29	0 43	14 15
19	15	58	0 41	0 15	1 22	12 22	0 44	14 4
22	15	59	0 41	0 19	1 22	12 15	0 44	13 52
25	16	0	0 41	0 24	1 22	12 7	0 45	13 40
28	16	0	0 41	0 29	1 22	12 0	0 45	13 27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	10 40 40	8 ^m 30 24	8 N 23	24 ^h 14	5 N 13	28 N 33	1 ^h 9
2	W	10 44 37	9 28 34	8 2	6 ^m 9	5 13	28 32	1 12
3	Th	10 48 34	10 26 45	7 40	18 1	5 0	27 12	1 16
4	F	10 52 30	11 24 58	7 17	29 53	4 33	24 39	1 19
5	S	10 56 27	12 23 14	6 55	11 ^h 48	3 55	21 2	1 22
6	S	11 0 23	13 21 31	6 33	23 50	3 6	16 31	1 26
7	M	11 4 22	14 19 51	6 10	6 ^m 0	2 8	11 19	1 30
8	Tu	11 8 16	15 18 12	5 48	18 20	1 4	5 36	1 33
9	W	11 12 13	16 16 35	5 25	0 ^h 51	0 S 5	0 S 25	1 37
10	Th	11 16 9	17 14 59	5 3	13 34	1 15	6 30	1 41
11	F	11 10 6	18 13 26	4 40	26 29	2 22	12 26	1 46
12	S	11 24 3	19 11 54	4 17	9 ^m 39	3 23	17 55	1 49
13	S	11 27 59	20 10 23	3 54	23 3	4 14	22 38	1 53
14	M	11 31 56	21 8 54	3 31	6 ^h 42	4 51	26 14	1 57
15	Tu	11 35 52	22 7 27	3 8	20 36	5 13	28 20	2 1
16	W	11 39 49	23 6 1	2 45	4 ^h 44	5 16	28 39	2 4
17	Th	11 43 45	24 4 37	2 21	19 5	5 0	27 3	2 8
18	F	11 47 42	25 3 14	1 58	3 ^m 35	4 24	23 39	2 12
19	S	11 51 38	26 1 54	1 35	18 11	3 32	18 45	2 16
20	S	11 55 35	27 0 35	1 11	2 ^h 45	2 25	12 46	2 19
21	M	11 59 32	27 59 17	0 48	17 14	1 10	6 8	2 23
22	Tu	12 3 28	28 58 2	0 25	1 ^h 30	0 N 9	0 N 44	2 27
23	W	12 7 25	29 56 48	0 1	15 29	1 25	7 25	2 30
24	Th	12 11 21	0 ^h 55 37	0 S 22	29 7	2 35	13 35	2 34
25	F	12 15 18	1 54 27	0 44	12 ^h 24	3 34	18 58	2 38
26	S	12 19 14	2 53 20	1 9	25 18	4 21	23 20	2 41
27	S	12 23 11	3 52 15	1 32	7 ^h 53	4 54	26 20	2 45
28	M	12 27 7	4 51 13	1 56	20 11	5 13	28 18	2 49
29	Tu	12 31 4	5 50 13	2 19	2 ^h 15	5 17	28 44	2 53
30	W	12 35 0	6 49 15	2 43	14 11	5 7	27 48	2 57

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 41	0 S 34	1 N 23	11 N 53	0 N 46	13 N 18
4	16	1	0 41	0 39	1 23	11 47	0 46	13 1
7	16	2	0 41	0 44	1 24	11 40	0 46	12 55
10	16	3	0 41	0 49	1 24	11 34	0 46	12 45
13	16	4	0 41	0 54	1 25	11 27	0 47	12 34
16	16	5	0 41	0 57	1 25	11 21	0 48	12 24
19	16	5	0 41	1 1	1 26	11 15	0 49	12 14
22	16	6	0 41	1 4	1 26	11 9	0 49	12 4
25	16	7	0 41	1 8	1 27	11 4	0 50	11 55
28	16	7	0 41	1 12	1 27	10 59	0 50	11 46
31	16	8	0 41	1 17	1 28	10 54	0 51	11 37

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	12 38 58	7 48 20	3 8 6	26 53	4 N 45	25 N 37	3 1
2	F	12 42 54	8 47 28	3 29	7 56	4 10 22	20	3 5
3	S	12 46 50	9 46 37	3 53	19 58	3 24 18	6	3 9
4	S	12 50 46	10 45 49	4 16	1 59	2 29 13	6	3 12
5	M	12 54 42	11 45 3	4 39	14 18	1 26 7	30	3 16
6	Tu	12 58 38	12 44 20	5 22	26 51	0 17 1	31	3 19
7	W	13 2 34	13 43 38	5 25	9 40	0 53 48	39	3 23
8	Th	13 6 30	14 42 59	5 48	22 44	2 2 10	45	3 27
9	F	13 10 26	15 42 21	6 11	6 5	3 6 16	29	3 31
10	S	13 14 23	16 41 46	6 34	19 40	4 12 1	32	3 35
11	S	13 18 20	17 41 12	6 57	3 27	4 42 25	29	3 39
12	M	13 22 16	18 40 40	7 20	17 23	5 8 27	58	3 43
13	Tu	13 26 12	19 40 10	7 42	1 27	5 15 28	42	3 46
14	W	13 30 9	20 39 42	8 5	15 36	5 3 27	34	3 51
15	Th	13 34 5	21 39 14	8 27	29 47	4 33 24	40	3 54
16	F	13 38 2	22 38 51	8 49	13 59	3 46 20	16	3 58
17	S	13 41 58	23 38 27	9 11	28 10	2 46 14	43	4 2
18	S	13 45 55	24 38 6	9 33	12 16	1 35 8	26	4 5
19	M	13 49 52	25 37 46	9 55	26 16	0 20 1	47	4 9
20	Tu	13 53 48	26 37 28	10 17	10 7	0 N 56	4 N 52	4 13
21	W	13 57 45	27 37 12	10 38	23 46	2 7 11	12	4 16
22	Th	14 1 41	28 36 58	11 0	7 10	3 10 16	55	4 20
23	F	14 5 38	29 36 46	11 21	20 17	4 2 43	43	4 23
24	S	14 9 34	0 m 36 36	11 42	3 7	4 39 25	22	4 27
25	S	14 13 31	1 36 28	12 3	15 40	5 3 27	43	4 31
26	M	14 17 27	2 36 22	12 23	27 58	5 12 28	39	4 34
27	Tu	14 21 24	3 36 18	12 44	10 3	5 6 28	11	4 37
28	W	14 25 21	4 36 17	13 4	21 59	4 48 26	24	4 41
29	Th	14 29 17	5 36 18	13 24	3 51	4 17 23	28	4 45
30	F	14 33 14	6 36 22	13 44	15 42	3 35 19	34	4 48
31	S	14 37 10	7 36 27	14 4	27 39	2 44 14	53	4 51

OCTOBER XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	Node.
0 N 33	58 22	0 N 30	12 N 19	0 N 16	6 S 32	29 x 26
0 31	6 9	0 39	11 9	0 S 4	8 41	29 16
0 30	6 56	0 49	10 3	0 25	10 45	29 7
0 28	7 43	0 58	8 49	0 46	12 43	28 57
0 27	8 30	1 6	7 36	1 7	14 35	28 48
0 25	9 15	1 14	6 17	1 27	16 20	28 38
0 24	10 1	1 19	5 0	1 46	17 57	28 29
0 23	10 46	1 24	3 36	2 3	19 25	28 19
0 21	11 31	1 30	2 17	2 18	20 45	28 10
0 19	12 16	1 33	0 52	2 31	21 54	28 0
0 17	12 58	1 38	0 S 84	2 41	22 53	27 51

♂		♀		♂		♀		Mutual		Lunar Aspects.							
Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	Aspts.	☉	☿	♂	♂	♂	♂	♂	♂
2 30 26	26 51	14 54	28 59	17 16	17 16	17 16	17 16										
2 37 27	3 15	33 0	10 18	54	54	54	54			*	*						
2 44 27	14 16	13 1	21 31	31	31	31	31							*		*	
2 50 27	25 16	53 2	32 22	7	7	7	7	♀ ♂ ♄				♂	♂		♂		
2 57 27	36 17	33 3	43 23	42	42	42	42										
3 4 27	47 18	13 4	54 25	17	17	17	17										
3 10 27	56 18	53 6	52 51	51	51	51	51			♂	♂						
3 16 28	9 19	33 7	17 28	24	24	24	24	♀ * ♄						*	♂		♂
3 23 28	20 20	13 8	28 29	56	56	56	56						*		*		
3 24 28	31 20	53 9	40 1	28	28	28	28										
3 35 28	41 21	34 10	51 2	59	59	59	59	♀ * ♄			*	□	□		*	□	
3 41 28	52 22	14 12	3 4	29	29	29	29			*		□	□		*	□	
3 47 29	2 22	54 13	15 5	59	59	59	59				□	□	△	△			*
3 53 29	12 23	34 14	27 7	27	27	27	27				□				□	△	
3 59 29	22 24	14 15	39 8	55	55	55	55				△				□		
4 5 29	32 24	55 16	51 10	23	23	23	23				△		♂	♂	△		□
4 11 29	42 25	35 18	3 11	50	50	50	50						♂	♂			
4 17 29	52 26	16 19	15 13	16	16	16	16										△
4 23 0	2 26	56 20	26 14	41	41	41	41									♂	
4 29 0	12 27	37 21	40 16	5	5	5	5				♂						
4 35 0	22 28	17 22	53 17	28	28	28	28						△	♂			
4 40 0	31 28	56 24	6 18	51	51	51	51						△				
4 46 0	41 29	39 25	19 20	13	13	13	13	☉ ♂ ♄								△	♂
4 51 0	51 0	19 26	32 21	34	34	34	34	☉ * ♄			△	□	□				
4 56 1	0 1	0 27	45 22	53	53	53	53	♂ * ♄									
5 1 1	9 1	40 28	58 24	11	11	11	11							*	△	□	
5 6 1	18 2	21 0	11 25	28	28	28	28				△	□	*				
5 11 1	27 3	2 1	24 26	45	45	45	45										△
5 16 1	36 3	43 2	38 28	0	0	0	0	☉ * ♄			□	*			□	*	
5 21 1	44 4	24 8	51 29	18	18	18	18	♀ ♂ ♄									
5 26 1	53 5	5 5	4 0	28	28	28	28							♂			□

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	"	"	°	'	°	'	°	'
1	16	10	0 N 42	1 S 19	1 N 29	10 N 53	0 N 51	11 N 34
4	16	10	0 42	1 23	1 29	10 49	0 51	11 26
7	16	11	0 42	1 27	1 30	10 44	0 52	11 18
10	16	12	0 42	1 31	1 30	10 40	0 53	11 10
13	16	12	0 42	1 34	1 31	10 36	0 54	11 3
16	16	13	0 42	1 37	1 32	10 33	0 54	10 57
19	16	14	0 42	1 40	1 33	10 30	0 55	10 51
22	16	14	0 42	1 42	1 33	10 27	0 56	10 46
25	16	15	0 42	1 45	1 34	10 25	0 57	10 41
28	16	15	0 42	1 49	1 35	10 22	0 57	10 36

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	14 41 7	8 m 36 35	14 S 23	9 m 47	1 N 45	9 N 31	4 m 54
2	M	14 45 3	9 36 45	14 42	22 9	0 39	3 43	4 58
3	Tu	14 49 0	10 36 57	15 1	4 m 50	0 S 29	2 S 22	5
4	W	14 52 56	11 37 11	15 20	17 52	1 38	8 32	5 5
5	Th	14 56 53	12 37 27	15 39	1 m 17	2 44	14 30	5 8
6	F	15 0 50	13 37 45	15 57	15 2	3 41	19 53	5 11
7	S	15 4 46	14 38 5	15 29	5 4	4 27	24 19	5 14
8	S	15 8 43	15 38 26	16 34	13 21	4 56	27 20	5 17
9	M	15 12 39	16 38 49	16 50	27 45	5 7	28 34	5 20
10	Tu	15 16 36	17 39 13	17 7	12 w 11	4 59	27 52	5 23
11	W	15 20 32	18 39 39	17 24	26 33	4 32	25 19	5 26
12	Th	15 24 29	19 40 6	17 40	10 m 48	3 48	21 12	5 29
13	F	15 28 25	20 40 34	17 56	24 54	2 51	15 55	5 32
14	S	15 32 22	21 41 4	18 12	8 x 50	1 44	9 53	5 35
15	S	15 36 19	22 41 35	18 28	22 35	0 33	3 27	5 38
16	M	15 40 15	23 42 7	18 43	6 r 10	0 N 40	3 N 4	5 40
17	Tu	15 44 12	24 42 40	18 58	19 35	1 50	9 22	5 43
18	W	15 48 8	25 43 15	19 13	28 48	2 52	15 9	5 46
19	Th	15 52 5	26 43 51	19 27	15 51	3 44	20 11	5 48
20	F	15 56 1	27 44 29	19 41	28 42	4 24	24 11	5 51
21	S	15 59 58	28 45 8	19 54	11 u 20	4 51	26 57	5 54
22	S	16 3 54	29 45 48	20 7	23 46	5 22	28 21	5 56
23	M	16 7 51	0 46 30	20 20	55 59	5 0	28 20	5 58
24	Tu	16 11 48	1 47 13	20 33	18 1	4 44	26 57	6 0
25	W	16 15 44	2 47 58	20 45	29 56	4 16	24 21	6 3
26	Th	16 19 41	3 48 45	20 56	11 Ω 46	3 37	20 45	6 5
27	F	16 23 37	4 49 33	21 7	23 36	2 49	16 20	6 8
28	S	16 27 34	5 50 23	21 18	5 m 30	1 53	11 15	6 10
29	S	16 31 30	6 51 14	21 25	17 35	0 51	5 42	6 13
30	M	16 35 27	7 52 7	21 39	29 56	0 S 14	0 S 11	6 16

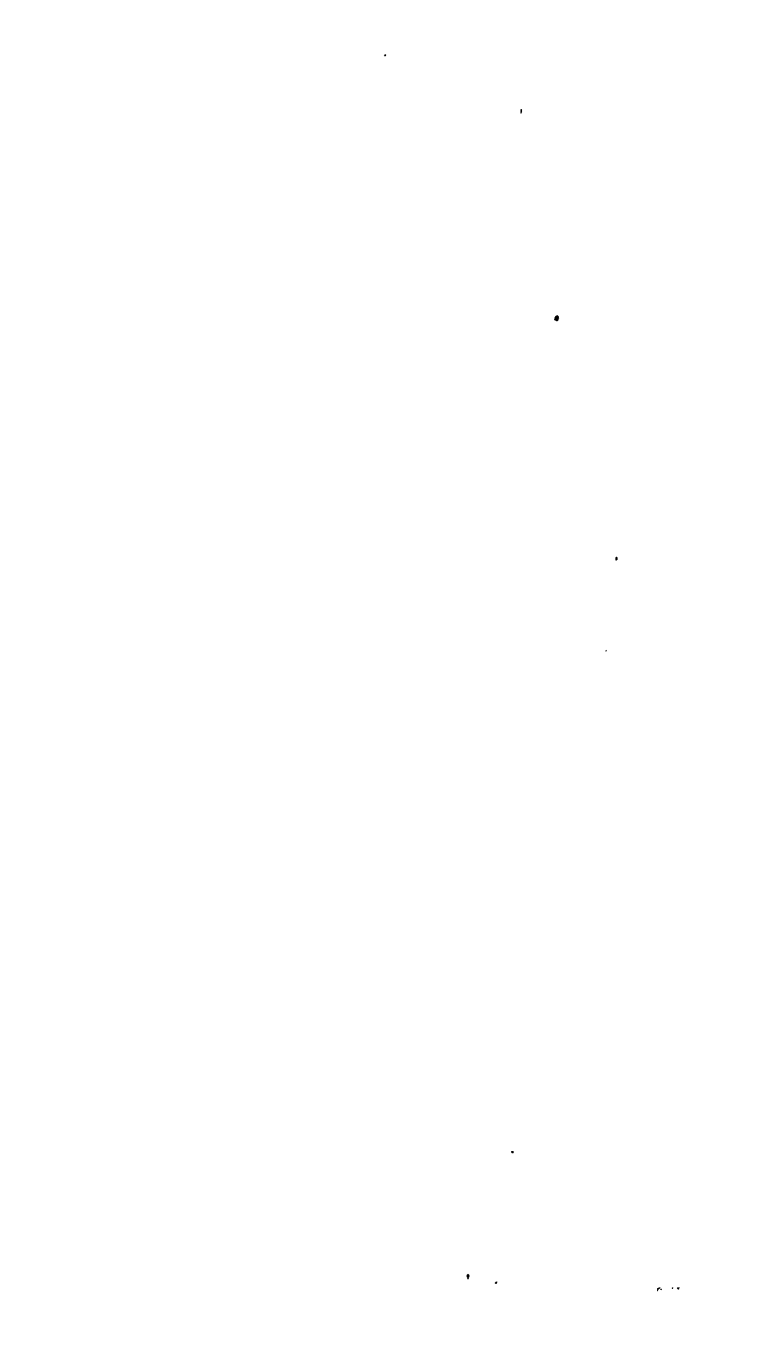
DECEMBER XXXI DAYS.

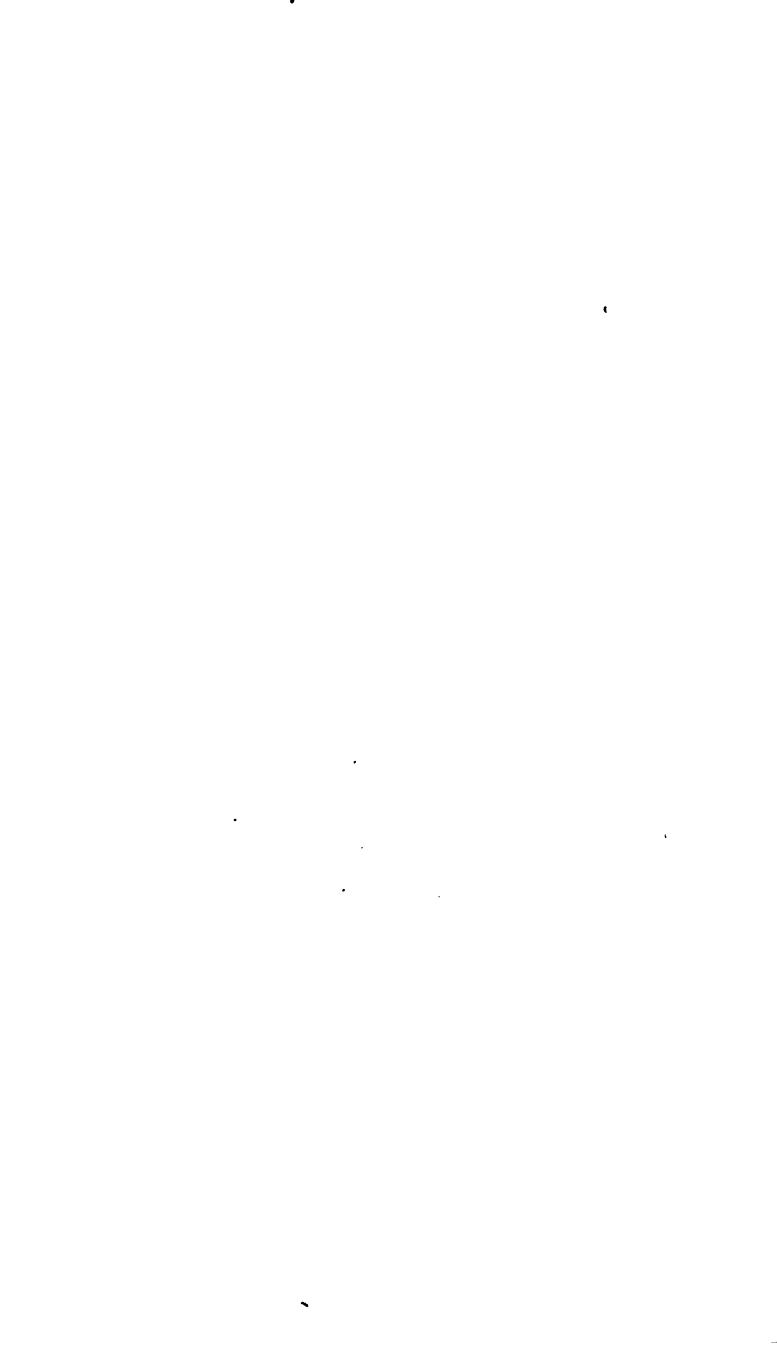
D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 42	1 8 52	1 N 36	10 N 21	0 N 58	10 N 32
4	16	15	0 42	1 55	1 36	10 20	0 59	10 29
7	16	16	0 42	1 57	1 37	10 20	1 0	10 26
10	16	16	0 42	1 59	1 38	10 19	1 0	10 24
13	16	16	0 43	2 1	1 39	10 19	1 1	10 23
16	16	16	0 43	2 2	1 39	10 20	1 2	10 22
19	16	17	0 43	2 4	1 40	10 20	1 3	10 22
22	16	17	0 43	2 5	1 41	10 21	1 4	10 23
25	16	17	0 43	2 6	1 42	10 22	1 5	10 24
28	16	17	0 43	2 7	1 42	10 22	1 5	10 26
31	16	17	0 43	2 7	1 43	10 23	1 5	10 29

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	16 39 23	8 45 53	1 21 8 48	12 43 37	1 8 21	6 8 14	6 4 19
2	W	16 43 20	9 53 57	21 58 25	43 25 43	2 25 12	12 12	6 21
3	Th	16 47 17	10 54 54	22 6 9	16 23 17	3 23 17	48	6 23
4	F	16 51 13	11 55 53	22 15 23	17 4 11	22 40	6 25	6 25
5	S	16 55 10	12 56 52	22 23 7	41 4 45	26 18	6 27	6 27
6	S	16 59 8	13 57 53	22 30 22	24 5 0	28 14	6 29	6 29
7	M	17 3 3	14 58 54	22 37 7	16 4 55	28 11	6 31	6 31
8	Tu	17 7 59	15 59 56	22 44 22	9 4 81	26 6	6 33	6 33
9	W	17 10 55	17 0 59	22 50 6	55 3 48	22 15	6 35	6 35
10	Th	17 14 52	18 2 22	22 56 21	27 2 52	17 5	6 37	6 37
11	F	17 18 49	19 3 6	23 1 5	41 1 45	11 4	6 39	6 39
12	S	17 22 46	20 4 10	23 6 19	36 0 34	4 38	6 41	6 41
13	S	17 26 42	21 5 15	23 10 3	13 0 N 38	1 N 52	6 42	6 42
14	M	17 30 39	22 6 20	23 14 16	33 1 47	8 9	6 44	6 44
15	Tu	17 34 35	23 7 25	23 17 29	39 2 48	13 59	6 45	6 45
16	W	17 38 32	24 8 31	23 20 12	32 3 39	19 6	6 47	6 47
17	Th	17 42 28	25 9 37	23 23 25	15 4 19	23 17	6 48	6 48
18	F	17 46 25	26 10 43	23 25 7	47 4 46	26 20	6 50	6 50
19	S	17 50 22	27 11 50	23 26 20	9 4 58	28 3	6 51	6 51
20	S	17 54 19	28 12 57	23 27 25	23 4 57	28 24	6 52	6 52
21	M	17 58 16	29 14 42	23 28 14	28 4 42	27 21	6 53	6 53
22	Tu	18 2 13	0 15 15	23 28 26	26 4 15	25 4	6 54	6 54
23	W	18 6 10	1 16 21	23 28 8	18 3 37	21 42	6 55	6 55
24	Th	18 10 6	2 17 30	23 28 20	7 2 49	17 28	6 56	6 56
25	F	18 14 3	3 18 39	23 26 1	55 1 55	12 35	6 57	6 57
26	S	18 18 0	4 19 49	23 24 13	48 0 54	7 13	6 58	6 58
27	S	18 21 57	5 21 0	23 21 25	50 0 8	9 1	6 59	6 59
28	M	18 25 53	6 22 11	23 19 8	7 1 14	48 21	7 0	7 0
29	Tu	18 29 50	7 23 22	23 16 20	44 2 16	10 12	7 1	7 1
30	W	18 33 47	8 24 34	23 12 3	45 3 14	15 49	7 2	7 2
31	Th	18 37 43	9 25 47	23 8 17	15 4 3	20 53	7 3	7 3

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.									
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.										
	°	'	°	'	°	'	°									
1	08 1	19 8 27	1 N 32	14 8 25	2 N 27	16 8 47	26 x 12									
4	0 3	19 57	1 28	15 31	2 42	16 20	26 2									
7	0 5	20 26	1 23	16 40	2 41	16 30	25 53									
10	0 7	20 55	1 18	17 38	2 31	17 6	25 48									
13	0 8	21 19	1 12	18 40	2 13	17 59	25 34									
16	0 10	21 45	1 5	19 30	1 52	18 59	25 24									
19	0 12	22 6	0 59	20 21	1 29	20 2	25 15									
22	0 14	22 26	0 52	20 58	1 5	21 2	25 5									
25	0 16	22 45	0 45	21 41	0 41	21 56	24 56									
28	0 18	23 3	0 38	22 10	0 18	22 45	24 46									
31	0 20	23 17	0 30	22 31	0 8 5	23 24	24 37									
D	h	♈	♉	♊	♋	Mutual	Lunar Aspects.									
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏
	°	'	°	'	°	'										
1	7 12	5 9 26	3 13 25	25 31			*	☉								
2	7 14	5 13 27	22 14	40 24	R 58											
3	7 15	5 16 28	4 15	55 24	40				*	*						
4	7 17	5 19 28	47 17	10 24	D 37						♈	♈	♈			
5	7 18	5 22 29	29 18	25 24	43		☉	*	☐	☐						
6	7 20	5 25	0 12 19	40 24	56											
7	7 21	5 28	0 55 20	55 25	16				☐	Δ	Δ			*	*	
8	7 22	5 31	1 38 22	10 25	45										*	*
9	7 23	5 33	2 20 23	25 26	23				Δ					*		
10	7 24	5 35	3 3 24	40 27	9		*								☐	☐
11	7 25	5 38	3 45 25	55 28	0						♈	♈	☐			
12	7 26	5 40	4 28 27	10 28	55			☐								
13	7 2	5 42	5 11 28	25 29	58					♈			Δ	Δ	Δ	
14	7 27	5 43	5 54 29	40 0 1	56	♈ ☐ ♈	Δ									
15	7 28	5 44	6 37 0	1 55	2							Δ				
16	7 28	5 45	7 20 2	10 3	12	♈ ☐ ♈				Δ						
17	7 28	5 46	8 3	25 4	24	♈ ☐ ♈										
18	7 28	5 47	8 46 4	40 5	38	♈ ☐ ♈			Δ	☐	☐	♈	♈	♈		
19	7 28	5 48	9 30 5	56 6	55	♈ ☐ ♈										
20	7 28	5 48	10 14 7	11 8	14	♈ ☐ ♈	♈	☐	*	*						
21	7 27	5 48	10 57 8	26 9	34											
22	7 27	5 48	11 40 9	41 10	54											
23	7 27	5 48	12 24 10	56 12	16	♈ ☉ ♈		*				Δ	Δ	Δ		
24	7 26	5 48	13 7 12	11 13	39											
25	7 26	5 48	13 50 13	27 15	3			Δ		♈	♈					
26	7 25	5 47	14 34 14	42 16	28	♈ ☉ ♈								☐	☐	☐
27	7 24	5 46	15 17 15	57 17	54	☉ Δ ♈										
28	7 22	5 45	16 1 17	12 19	21	☉ Δ ♈	☐	♈								
29	7 22	5 43	16 44 18	28 20	48	☉ ☐ ♈								*	*	*
30	7 21	5 42	17 28 19	43 22	16		*		*	*						
31	7 20	5 41	18 11 20	58 23	44											





RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1802.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Hm.) 939 c. 50

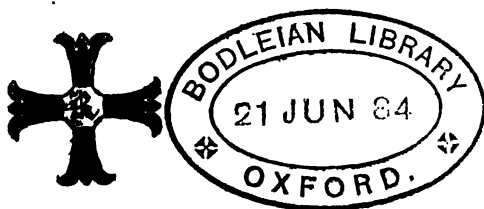


RAPHAEL'S
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OF THE
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1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
	°	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15		0 N 43	28 8	1 N 44	10 N 27	1 N 6	10 N 29
4	16	15		0 43	2 8	1 44	10 30	1 7	10 32
7	16	16		0 43	2 9	1 45	10 32	1 8	10 36
10	16	16		0 44	2 9	1 45	10 35	1 9	10 41
18	16	17		0 44	2 9	1 46	10 39	1 10	10 46
16	16	17		0 44	2 9	1 47	10 43	1 10	10 52
19	16	17		0 44	2 8	1 48	10 47	1 11	10 58
22	16	18		0 44	2 8	1 48	10 51	1 11	11 4
25	16	18		0 44	2 7	1 49	10 56	1 12	11 11
28	16	18		0 44	2 6	1 49	11 0	1 12	11 18
31	16	18		0 44	2 5	1 49	11 5	1 13	11 25

D M	D W	Sidereal Time.		☉ Long.		☉ Declin.		☿ Long.		♂ Lat.		♂ Declin.		♂ Long.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'	°	'
1	F	18	41	40	10	26	59	23	S 3	1	16	48	39	24	S 59
2	S	18	45	37	11	28	12	22	58	15	46	4	59	27	40
3	S	18	49	33	12	29	25	22	53	0	39	5	0	28	27
4	M	18	53	30	13	30	38	22	47	15	48	4	39	27	9
5	Tu	18	57	26	14	31	50	22	40	1	m 2	3	59	23	50
6	W	19	1	23	15	33	2	22	34	16	10	3	2	18	54
7	Th	19	5	20	16	34	14	22	26	1	3	1	54	12	53
8	F	19	9	16	17	35	25	22	18	15	35	0	39	6	17
9	S	19	13	13	18	36	36	22	10	29	42	0	N 86	0	N 26
10	S	19	17	9	19	37	46	22	2	13	r 24	1	47	6	57
11	M	19	21	6	20	38	55	21	53	26	44	2	50	12	58
12	Tu	19	25	2	21	40	3	21	43	9	43	3	43	18	16
13	W	19	28	59	22	41	11	21	33	22	25	4	23	22	38
14	Th	19	32	55	23	42	18	21	23	4	□ 54	4	50	25	53
15	F	19	36	52	24	43	23	21	12	17	12	5	3	27	53
16	S	19	40	49	25	44	28	21	1	29	21	5	2	28	30
17	S	19	44	45	26	45	33	20	50	11	25	4	48	27	45
18	M	19	48	42	27	46	36	20	38	23	20	4	21	25	44
19	Tu	19	52	38	28	47	39	20	25	5	13	3	42	22	35
20	W	19	56	35	29	48	41	20	13	17	3	2	55	18	31
21	Th	20	0	31	0	m 49	42	20	0	28	52	1	59	13	45
22	F	20	4	28	1	50	43	19	46	0	m 42	0	58	8	27
23	S	20	8	24	2	51	43	19	32	22	38	0	8	6	2
24	S	20	12	21	3	52	43	19	18	4	42	1	11	28	57
25	M	20	17	18	4	53	42	19	4	16	58	2	13	8	43
26	Tu	20	20	14	5	54	40	18	49	29	32	3	11	14	18
27	W	20	24	11	6	55	37	18	34	12	m 28	4	1	19	25
28	Th	20	28	7	7	56	35	18	18	25	50	4	39	23	45
29	F	20	32	4	8	57	31	18	2	9	40	5	3	26	55
30	S	20	36	0	9	58	26	17	46	23	59	5	10	28	29
31	S	20	39	57	10	59	21	17	30	8	w 45	4	56	28	6

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 20	23 S 21	0 N 28	22 S 46	08 12	23 S 35	13 x 33
4	0 22	23 32	0 20	23 4	0 33	24 1	18 23
7	0 24	23 42	0 18	23 15	0 52	24 16	13 14
10	0 26	23 49	0 5	23 17	1 10	24 20	13 4
13	0 28	23 55	0 S 2	23 18	1 26	24 12	12 55
16	0 30	23 58	0 9	23 9	1 39	23 51	12 45
19	0 32	23 59	0 17	22 56	1 50	23 16	12 36
22	0 34	23 57	0 24	22 35	1 58	22 29	12 26
25	0 36	23 54	0 31	22 8	2 3	21 28	12 17
28	0 38	23 49	0 37	21 32	2 5	20 18	12 7
31	0 40	23 41	0 44	20 53	2 2	18 44	11 58

D M	h	♈		♉		♊		Mutual Aspts.	Lunar Aspects.						
		Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	7	18	5	39	18	♈ 55	22	♈ 14		♈	☐	☐		♈	
2	7	16	5	37	19	39	23	29	26					♈	
3	7	14	5	35	20	23	24	44	28		☐	Δ	Δ	♈	♈
4	7	12	5	32	21	7	25	59	29	♈					
5	7	10	5	29	21	51	27	14	1		Δ				
6	7	8	5	28	22	35	28	29	2					♈	
7	7	6	5	23	23	10	29	45	4	♈ Δ ♈		♈	♈	♈	♈
8	7	4	5	19	24	3	1	0	5	♈ Δ ♈	♈				
9	7	2	5	16	24	47	2	15	7	♈ ☐ ♈				☐	☐
10	7	0	5	12	25	31	8	31	8		♈				☐
11	6	57	5	9	26	18	4	46	10	♈ Δ ♈	☐			Δ	
12	6	55	5	5	26	59	6	1	12	♈ Δ ♈			Δ	Δ	
13	6	52	5	1	27	43	7	17	13	♈ ☐ ♈	Δ				Δ
14	6	49	4	56	28	27	8	32	15		Δ	☐	☐		
15	6	46	4	52	29	12	9	47	16						
16	6	43	4	47	29	56	11	3	18					♈	♈
17	6	40	4	42	0	41	12	18	20		♈	☐	♈	♈	♈
18	6	38	4	37	1	25	13	33	21			♈			
19	6	34	4	32	2	10	14	49	23		♈				
20	6	31	4	26	2	54	16	4	24						
21	6	27	4	21	3	39	17	19	26	♈ Δ ♈			♈	Δ	
22	6	24	4	15	4	23	18	34	28						
23	6	20	4	10	5	8	19	50	29					Δ	
24	6	17	4	4	5	52	21	5	1	♈ Δ ♈	Δ	♈		☐	Δ
25	6	13	3	58	6	37	22	20	3	♈ Δ ♈				☐	
26	6	9	3	51	7	21	23	35	4					♈	☐
27	6	5	3	45	8	6	24	50	6	☉ Δ ♈	☐		♈	♈	
28	6	1	3	38	8	51	26	5	8	☉ ☉ ♈				♈	♈
29	6	57	3	32	9	36	27	21	10		♈	♈	☐		♈
30	6	53	3	25	10	21	28	36	11						
31	6	49	3	19	11	6	29	51	13		☐	Δ	Δ	♈	

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	0 N 44	28 4	1 N 50	11 N 7	1 N 14	11 N 29
4	16	15	0 44	2 2	1 50	11 12	1 14	11 37
7	16	14	0 44	2 0	1 51	11 18	1 15	11 46
10	16	14	0 44	1 58	1 51	11 24	1 15	11 55
13	16	13	0 45	1 56	1 52	11 29	1 15	12 3
16	16	12	0 45	1 54	1 52	11 34	1 15	12 12
19	16	11	0 45	1 42	1 53	11 40	1 16	12 20
22	16	11	0 45	1 51	1 53	11 45	1 16	12 29
25	16	10	0 45	1 48	1 53	11 51	1 16	12 38
28	16	10	0 45	1 45	1 53	11 56	1 16	12 47

D M	D W	Sidereal Time.	☉ Long.			☉ Declin			♂ Long.			♂ Lat.			♂ Declin			♂ Long.		
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	M	20 43 53	12 ^m	0	15	17 8	13	23 ^w	50	48	22	25 8	39					6	54	
2	Tu	20 47 50	13	1	7	16	56	9 ^m	7	3	28	21	21					6	53	
3	W	20 51 47	14	1	59	16	38	24	23	2	20	15	36					6	51	
4	Th	20 55 43	15	2	49	16	20	9 ^x	29	1	3	8	59					6	50	
5	F	20 59 40	16	3	37	16		224	17	0 N	18	2	0					6	48	
6	S	21 3 36	17	4	24	15	44	8 ^r	29	1	35	4 N	53					6	47	
7	S	21 7 33	18	5	10	15	26	22	35	2	44	11	20					6	45	
8	M	21 11 30	19	5	54	15	7	6 ^h	3	3	42	17	2					6	44	
9	Tu	21 15 26	20	6	36	14	48	19	7	4	26	21	47					6	43	
10	W	21 19 22	21	7	16	14	28	1	49	4	56	25	23					6	42	
11	Th	21 23 18	22	7	55	14	9	14	14	5	11	27	41					6	41	
12	F	21 27 14	23	8	32	13	49	26	25	5	12	28	37					6	39	
13	S	21 31 10	24	9	7	13	29	8 ^h	26	4	59	28	10					6	38	
14	S	21 35 6	25	9	40	13	9	20	21	4	33	26	25					6	36	
15	M	21 39 3	26	10	11	12	49	2	12	8	56	23	31					6	35	
16	Tu	21 43 0	27	10	41	12	28	14	2	3	8	19	38					6	33	
17	W	21 46 57	28	11	9	12	7	25	52	2	12	14	59					6	31	
18	Th	21 50 53	29	11	35	11	46	7 ^w	45	1	10	9	46					6	29	
19	F	21 54 50	0 ^x	12	0	11	25	19	42	0	5	4	10					6	27	
20	S	21 58 47	1	12	23	11	3	1 ^h	46	1 S	1	18	38					6	25	
21	S	22 2 44	2	12	45	10	42	13	59	2	6	7	27					6	23	
22	M	22 6 41	3	13	5	10	20	26	23	3	5	13	4					6	21	
23	Tu	22 10 38	4	13	24	9	58	9 ^m	2	3	57	18	16					6	19	
24	W	22 14 35	5	13	40	9	36	21	59	4	38	22	46					6	17	
25	Th	22 18 32	6	13	58	9	14	5	17	5	6	26	18					6	15	
26	F	22 22 29	7	14	12	8	52	18	58	5	17	28	16					6	13	
27	S	22 26 26	8	14	26	8	29	3 ^w	2	5	10	28	35					6	11	
28	S	22 30 23	9	14	38	8	7	17	29	4	43	27	0					6	9	

1802.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

5

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	
1	08 41	23 37	08 46	20 34	28 1	18 11	22 55
4	0 43	23 26	0 53	19 52	1 52	16 23	22 45
7	0 45	23 12	0 58	19 2	1 39	14 23	22 36
10	0 47	22 55	1 2	18 3	1 20	12 11	22 26
13	0 48	22 39	1 7	17 5	0 55	9 50	22 17
16	0 50	22 20	1 11	15 57	0 23	7 24	22 7
19	0 52	21 56	1 15	14 50	0 N14	4 58	21 58
22	0 54	21 32	1 18	13 34	0 56	2 42	21 48
25	0 56	21 5	1 21	12 20	1 40	0 45	21 38
28	0 58	20 34	1 23	11 1	2 23	0 N43	21 29

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	5 45	3 12	11 51	1 7	15 20								
2	5 41	3 5	12 36	2 22	17 6		♈	Δ				♈	
3	5 37	2 58	13 21	3 37	18 53								♈
4	5 33	2 51	14 6	4 52	20 41				♈	♈	*		
5	5 28	2 43	14 51	6 8	22 29								
6	5 24	2 36	15 36	7 23	24 17	♀ Δ h		♈			□	*	
7	5 19	2 29	16 22	8 38	26 6		*						*
8	5 15	2 21	17 7	9 53	27 55				Δ	Δ		□	
9	5 10	2 14	17 52	11 8	29 44		□				Δ		
10	5 5	2 6	18 37	12 23	1 32			Δ	□	□			□
11	5 1	1 59	19 22	13 39	3 20								Δ
12	4 56	1 51	20 7	14 54	5 7	♀ ♂ h	Δ			*			
13	4 51	1 43	20 53	16 9	6 54			□	*				Δ
14	4 47	1 36	21 38	17 24	8 40						♈		
15	4 42	1 28	22 24	18 39	10 24		*						
16	4 37	1 20	23 9	19 54	12 5			♈				♈	
17	4 32	1 12	23 55	21 9	13 44		♈			♈			
18	4 27	1 4	24 40	22 24	15 20				♈				
19	4 22	0 56	25 26	23 39	16 53								♈
20	4 18	0 49	26 11	24 54	18 22	☉ ♂ ♀		♈			Δ		
21	4 13	0 41	26 57	26 9	20 45								
22	4 8	0 33	27 42	27 24	21 2					*	□	Δ	
23	4 3	0 25	28 28	28 39	22 13	☉ ♂ h	Δ		*				
24	3 58	0 17	29 13	29 54	23 18	♀ ♂ ♀							Δ
25	3 53	0 9	29 50	1 9	24 16		□	*	□	□	*	□	
26	3 48	0 2	30 44	2 24	25 6								□
27	3 44	29 54	1 30	3 39	25 47	♀ ♂ h	*	□	Δ	Δ		*	
28	3 39	29 46	2 16	4 54	26 20								

MARCH XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"		°	'	°	'	°	'
1	16	10	0	N 45	1 S 44	1 N 53	11 N 58	1 N 17	12 N 49
4	16	9	0	45	1 41	1 53	12 3	1 17	12 56
7	16	8	0	45	1 38	1 54	12 9	1 17	13 4
10	16	8	0	45	1 34	1 54	12 14	1 17	13 12
13	16	7	0	45	1 31	1 54	12 19	1 17	13 19
16	16	6	0	45	1 29	1 54	12 23	1 17	13 26
19	16	5	0	45	1 27	1 54	12 28	1 16	13 32
22	16	4	0	45	1 24	1 54	12 32	1 16	13 38
25	16	3	0	45	1 21	1 53	12 36	1 16	13 43
28	16	3	0	45	1 18	1 53	12 40	1 16	13 48
31	16	2	0	45	1 15	1 53	12 43	1 16	13 51

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	M	22 34 20	10 14 47	7 S 44	2 16	3 S 57	23 S 32	6 6
2	Tu	22 38 17	11 14 56	7 21	17 16	2 55	18 27	6 4
3	W	22 42 14	12 15 3	6 58	2 21	1 40	12 12	6 2
4	Th	22 46 10	13 15 8	6 35	17 23	0 18	5 16	5 59
5	F	22 50 7	14 15 11	6 12	2 12	1 N 4	1 N 51	5 57
6	S	22 54 3	15 15 11	5 49	16 41	2 20	8 43	5 55
7	S	22 58 0	16 15 10	5 26	0 46	3 25	14 58	5 52
8	M	23 1 56	17 15 7	5 2	14 25	4 17	20 16	5 49
9	Tu	23 5 53	18 15 1	4 39	27 37	4 53	24 24	5 47
10	W	23 9 49	19 14 53	4 16	10 26	5 13	27 12	5 45
11	Th	23 13 46	20 14 43	3 52	22 53	5 18	28 34	5 42
12	F	23 17 43	21 14 31	3 29	5 5	5 8	28 30	5 39
13	S	23 21 39	22 14 16	3 5	17 4	4 45	27 5	5 36
14	S	23 25 36	23 13 59	2 41	28 56	4 10	24 28	5 34
15	M	23 29 32	24 13 40	2 18	10 45	3 24	20 50	5 31
16	Tu	23 33 29	25 13 18	1 54	22 34	2 30	16 22	5 28
17	W	23 37 25	26 12 54	1 30	4 27	1 29	11 16	5 26
18	Th	23 41 22	27 12 28	1 7	16 26	0 23	5 43	5 23
19	F	23 45 18	28 11 59	0 43	28 33	0 S 44	0 S 5	5 21
20	S	23 49 15	29 11 29	0 19	10 50	1 50	5 59	5 18
21	S	23 53 12	0 10 57	0 N 4	23 19	2 52	11 43	5 16
22	M	23 57 8	1 10 23	0 28	6 0	3 46	17 5	5 13
23	Tu	0 1 5 2	9 48	0 52	18 55	4 30	21 47	5 11
24	W	0 5 1 3	9 10	1 15	2 5	5 0	25 30	5 8
25	Th	0 8 58	4 8 31	1 39	15 29	5 15	27 54	5 6
26	F	0 12 54	5 7 50	2 2	29 10	5 13	28 41	5 3
27	S	0 16 51	6 7 7	2 26	13 6	4 53	27 40	5 0
28	S	0 20 47	7 6 23	2 49	27 18	4 14	24 52	4 58
29	M	0 24 44	8 5 37	3 13	11 42	3 19	20 29	4 56
30	Tu	0 28 40	9 4 49	3 36	26 17	2 10	14 49	4 53
31	W	0 32 37	10 3 59	3 59	10 58	0 53	8 17	4 50

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	08 58	20 S 27	1 S 24	10 S 34	2 N 36	1 N 5	21 26
4	1 0	19 54	1 25	9 9	3 10	1 42	21 16
7	1 2	19 23	1 26	7 46	3 32	1 37	21 7
10	1 4	18 48	1 26	6 16	3 38	0 51	20 57
13	1 5	18 12	1 26	4 50	3 26	0 S 25	20 48
16	1 7	17 32	1 25	3 19	2 58	1 56	20 38
19	1 9	16 55	1 23	1 50	2 19	3 27	20 29
22	1 11	16 12	1 21	0 19	1 34	4 45	20 19
25	1 12	15 31	1 18	1 N 12	0 48	5 44	20 10
28	1 14	14 46	1 15	2 42	0 4	6 20	20 0
31	1 15	13 50	1 11	4 12	0 S 35	6 34	19 51

D M	h		u		♂		♀		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	h		u	♂	♀	♀		
1	3	34	29	38	3	2	6	9	26	43			Δ			♂	*
2	3	29	29	31	3	4	7	24	27	3							
3	3	24	29	25	4	3	8	39	27	8			♂	♂		♂	
4	3	20	29	18	5	19	9	54	26	58		♂					
5	3	15	29	12	6	4	11	9	26	43			♂			*	♂
6	3	10	29	5	6	51	12	23	26	21	♂ Δ	☿					
7	3	6	28	53	7	37	13	38	25	53				Δ	Δ		
8	3	1	28	46	8	22	14	53	25	18		*				□	*
9	2	57	28	39	9	8	16	8	24	35				□	□		*
10	2	52	28	32	9	54	17	22	23	44			Δ			Δ	
11	2	48	28	26	10	40	18	37	22	50			□			*	□
12	2	43	28	19	11	26	19	52	21	55	☉	♂ ♀		□	*		
13	2	39	28	12	12	12	21	7	20	59	♀	♂ ♀					Δ
14	2	35	28	6	12	58	22	22	20	2			Δ				
15	2	30	27	59	13	44	23	37	19	6				*		♂	
16	2	26	27	53	14	30	24	51	18	11						♂	
17	2	22	27	46	15	16	26	6	17	19	☉	♂ ♀				♂	
18	2	17	27	40	16	2	27	21	16	32							♂
19	2	13	27	34	16	48	28	35	15	51			♂				♂
20	2	9	27	28	17	34	29	50	15	15			♂	♂			
21	2	5	27	23	18	26	1	4	14	43						*	Δ
22	2	1	27	17	19	6	2	19	14	16						*	
23	1	57	27	12	19	52	3	33	13	55						□	Δ
24	1	53	27	6	20	38	4	48	13	41			Δ	*	□	□	Δ
25	1	50	27	1	21	25	6	2	13	34	♀	♂ ☿				*	□
26	1	46	26	56	22	11	7	17	13	D30	☉	♂ ☿	☿	□	□	Δ	Δ
27	1	43	26	52	22	57	8	31	13	30							*
28	1	39	26	47	23	43	9	46	13	34						□	*
29	1	36	26	43	24	29	11	0	13	47			*	Δ			*
30	1	32	26	38	25	15	12	15	14	10					♂	♂	♂
31	1	29	26	34	26	1	13	29	14	42							♂

APRIL XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 45	1 S 13	1 N 53	12 N 44	1 N 15	13 N 52
4	16	0	0 45	1 8	1 53	12 47	1 15	13 56
7	15	59	0 45	1 5	1 53	12 50	1 15	13 59
10	15	58	0 45	1 3	1 53	12 52	1 15	14 2
13	15	58	0 45	1 0	1 52	12 54	1 14	14 3
16	15	57	0 45	0 58	1 52	12 56	1 14	14 4
19	15	56	0 45	0 56	1 51	12 58	1 13	14 4
22	15	56	0 45	0 54	1 51	12 59	1 13	14 4
25	15	55	0 45	0 51	1 51	12 59	1 12	14 4
28	15	54	0 45	0 48	1 51	13 0	1 12	14 3

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	0 36 34	11 3 8	4 N 23	25 39	0 N 28	1 S 18	4 48
2	F	0 40 30	12 2 14	4 46	10 13	1 46	5 N 41	4 45
3	S	0 44 26	13 1 19	5 9	24 33	2 57	12 16	4 43
4	S	0 48 22	14 0 21	5 32	8 36	3 55	18 5	4 40
5	M	0 52 18	14 59 22	5 55	22 16	4 37	22 49	4 37
6	Tu	0 56 14	15 58 20	6 17	5 32	5 42	26 14	4 35
7	W	1 0 10	16 57 15	6 40	18 25	5 14	28 11	4 32
8	Th	1 4 7	17 56 9	7 3	0 57	5 9	28 37	4 29
9	F	1 8 3	18 55 0	7 25	13 11	4 50	27 37	4 27
10	S	1 11 59	19 53 49	7 47	25 12	4 18	25 21	4 25
11	S	1 15 56	20 52 35	8 9	7 5	3 35	22 0	4 22
12	M	1 19 52	21 51 19	8 31	18 53	2 44	17 47	4 20
13	Tu	1 23 49	22 50 1	8 53	0 43	1 46	12 52	4 17
14	W	1 27 45	23 48 40	9 15	12 39	0 42	7 28	4 14
15	Th	1 31 42	24 47 18	9 37	24 45	0 S 24	1 43	4 12
16	F	1 35 38	25 45 53	9 58	7 3	1 30	4 S 10	4 9
17	S	1 39 35	26 44 26	10 19	19 35	2 33	10 1	4 7
18	S	1 43 32	27 42 58	10 40	2 23	3 29	15 35	4 4
19	M	1 47 28	28 41 27	11 15	26 4	4 15	20 33	4 3
20	Tu	1 51 25	29 39 55	11 22	28 45	4 49	24 36	4 0
21	W	1 55 21	0 38 21	11 43	12 16	5 7	27 22	3 58
22	Th	1 59 18	1 36 45	12 3	25 59	5 8	28 32	3 56
23	F	2 3 14	2 35 8	12 23	9 51	4 51	27 56	3 53
24	S	2 7 11	3 33 30	12 43	23 51	4 17	25 34	3 50
25	S	2 11 7	4 31 50	13 3	7 58	3 27	21 37	3 49
26	M	2 15 4	5 30 9	13 22	22 9	2 24	16 25	3 47
27	Tu	2 19 1	6 28 26	13 42	6 23	1 12	10 17	3 45
28	W	2 22 57	7 26 41	14 1	20 38	0 N 5	3 38	3 43
29	Th	2 26 54	8 24 56	14 20	4 52	1 21	3 N 10	3 41
30	F	2 30 50	9 23 8	14 38	19 1	2 31	9 47	3 39

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 45	0 S 46	1 N 50	13 N 0	1 N 11	14 N 1
4	15	54	0 45	0 42	1 50	13 0	1 11	13 58
7	15	53	0 45	0 40	1 49	12 59	1 10	13 55
10	15	52	0 45	0 39	1 49	12 58	1 10	13 52
13	15	51	0 44	0 37	1 49	12 56	1 9	13 48
16	15	51	0 44	0 36	1 49	12 54	1 9	13 44
19	15	50	0 44	0 35	1 48	12 53	1 9	13 39
22	15	50	0 44	0 34	1 48	12 50	1 9	13 33
25	15	49	0 44	0 33	1 47	12 48	1 8	13 27
28	15	49	0 44	0 32	1 47	12 45	1 8	13 21
31	15	48	0 44	0 31	1 47	12 42	1 8	13 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	2 34 47	10 21 19	14 N 57	3 8 0	3 N 32	15 N 50	3 28 38
2	S	2 38 43	11 19 29	15 15 16	4 18 21	4 18 21	0	3 36
3	M	2 42 40	12 17 37	15 33 0	4 50 16	4 50 24	57	3 35
4	Tu	2 46 36	13 15 43	15 50 13	5 27 29	5 27 29		3 33
5	W	2 50 33	14 13 47	16 8 26	5 42 28	5 42 28		3 31
6	Th	2 54 30	15 11 49	16 25 8	5 49 4	4 48 27	58	3 29
7	F	2 58 26	16 9 50	16 42 21	3 4 19	4 19 26	5	3 28
8	S	3 2 23	17 7 48	16 58 3	4 3 40	3 40 23	3	3 26
9	S	3 6 19	18 5 45	17 14 14	5 2 51	2 51 19	5	3 24
10	M	3 10 16	19 3 40	17 30 26	4 1 55	14 24		3 22
11	Tu	3 14 12	20 1 33	17 46 8	37 0 54	9 11		3 20
12	W	3 18 9	20 59 24	18 120 35	0 8 10	3 35		3 18
13	Th	3 22 5	21 57 13	18 17 2	45 1 14	2 8 14		3 16
14	F	3 26 22	22 55 1	18 31 15	11 2 16	8 5		3 15
15	S	3 29 59	23 52 47	18 46 27	56 3 13	13 45		3 14
16	S	3 33 55	24 50 32	19 0 11	m 1 4	1 18 58		3 13
17	M	3 37 52	25 48 15	19 14 24	26 4 37	23 22		3 12
18	Tu	3 41 48	26 45 56	19 27 8	f 9 4	58 26 36		3 11
19	W	3 45 44	27 43 37	19 41 22	7 5	2 28 15		3 10
20	Th	3 49 41	28 41 17	19 58 6	w 16 4	47 28 6		3 9
21	F	3 53 38	29 38 55	20 6 20	29 4	15 26 6		3 8
22	S	3 57 34	0 36 33	20 18 4	m 44 3	27 22 26		3 7
23	S	4 1 31	1 34 9	20 30 18	58 2	26 17 28		3 6
24	M	4 5 28	2 31 45	20 41 3	x 7 1	16 11 33		3 5
25	Tu	4 9 24	3 29 20	20 53 17	11 0	2 5 6		3 4
26	W	4 13 21	4 26 54	21 3 1	r 9 1	N 12 1 N 33		3 3
27	Th	4 17 17	5 24 28	21 14 15	0 2	20 8 4		3 2
28	F	4 21 14	6 22 12	21 24 28	44 3	20 14 9		3 1
29	S	4 25 10	7 19 32	21 33 12	19 4	7 19 28		3 0
30	S	4 29 7	8 17 3	21 43 25	43 4	40 23 44		3 0
31	M	4 33 3	9 14 33	21 52 8	53 4	58 26 46		2 59

JUNE XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	15 48	0 N 44	0 S 31	1 N 46	12 N 40	1 N 7	13 N 12
4	15 48	0 44	0 31	1 46	12 36	1 7	13 4
7	15 47	0 44	0 31	1 46	12 32	1 6	12 56
10	15 47	0 44	0 31	1 46	12 28	1 6	12 48
13	15 46	0 43	0 31	1 45	12 24	1 5	12 39
16	15 46	0 43	0 32	1 45	12 19	1 5	12 30
19	15 46	0 43	0 32	1 45	12 14	1 5	12 21
22	15 46	0 43	0 32	1 44	12 9	1 5	12 11
25	15 46	0 43	0 33	1 44	12 3	1 4	12 1
28	15 45	0 43	0 35	1 44	11 58	1 4	11 50

D M	D W	Sideres' Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	4 37 0	10 12 2	22 N 0	21 12 48	4 N 59	28 N 12	2 59
2	W	4 40 57	11 9 31	22 8	4 28 28	4 46 28	10	2 59
3	Th	4 44 53	12 6 58	22 16	16 53	4 20 26	41	2 58
4	F	4 48 50	13 4 24	22 24	29 3	3 41 23	59	2 58
5	S	4 52 46	14 1 49	22 31	11 12	2 54 20	16	2 58
6	S	4 56 43	14 59 12	22 37	22 53	1 59 15	47	2 57
7	M	5 0 39	15 56 35	22 43	4 42	1 0 10	44	2 57
8	Tu	5 4 36	16 53 56	22 49	16 32	0 S 3	5 17	2 57
9	W	5 8 32	17 51 17	22 55	28 30	1 6 0 S	25	2 57
10	Th	5 12 29	18 48 36	23 0	10 41	2 7 6	11	2 D 57
11	F	5 16 26	19 45 55	23 4	23 10	3 3 11	51	2 57
12	S	5 20 22	20 43 12	23 8	6 1	3 52 17	11	2 57
13	S	5 24 19	21 40 29	23 12	19 17	4 30 21	54	2 57
14	M	5 28 15	22 37 44	23 16	2 57	4 54 25	35	2 57
15	Tu	5 32 12	23 34 59	23 19	17 0	5 1 27	49	2 58
16	W	5 36 8	24 32 14	23 21	1 22	4 49 28	17	2 58
17	Th	5 40 5	25 29 28	23 23	15 56	4 19 26	48	2 58
18	F	5 44 2	26 26 42	23 25	0 35	3 31 23	29	2 59
19	S	5 47 58	27 23 56	23 26	15 11	2 30 18	41	2 59
20	S	5 51 55	28 21 10	23 27	29 41	1 19 12	50	3 0
21	M	5 55 51	29 18 23	23 28	13 59	0 4 6	22	3 0
22	Tu	5 59 48	0 15 36	23 28	28 5	1 N 10	0 N 19	3 1
23	W	6 3 44	1 12 50	23 28	11 57	2 19 6	52	3 2
24	Th	6 7 41	2 10 4	23 27	25 35	3 19 12	59	3 2
25	F	6 11 37	3 7 17	23 26	9 1	4 7 18	25	3 3
26	S	6 15 34	4 4 31	23 24	22 15	4 40 22	52	3 4
27	S	6 19 31	5 1 45	23 22	5 17	4 59 26	6	3 4
28	M	6 23 27	5 58 59	23 20	18 6	5 2 27	56	3 5
29	Tu	6 27 24	6 56 13	23 17	0 43	4 50 28	18	3 6
30	W	6 31 20	7 53 27	23 14	13 8	4 24 27	12	3 7

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 29	3 N 53	1 N 3	24 N 31	1 N 59	25 N 23	16 * 33
4	1 29	4 45	1 8	24 32	2 6	25 34	16 23
7	1 29	5 37	1 14	24 31	2 5	25 25	16 14
10	1 28	6 28	1 19	24 20	1 59	25 0	16 4
13	1 28	7 18	1 24	24 5	1 44	24 21	15 55
16	1 27	8 7	1 28	23 41	1 24	23 31	15 45
19	1 27	8 55	1 32	23 15	0 58	22 34	15 36
22	1 26	9 41	1 36	22 36	0 27	21 31	15 26
25	1 25	10 29	1 38	22 0	0 S 9	20 27	15 17
28	1 24	11 14	1 40	21 14	0 50	19 24	15 7

D M	\hbar	γ	δ	ϕ	ψ	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	γ	δ	ϕ	ψ	ω
1	1 20 28	Q 6 18	18 29	14 26	25 11	18								σ
2	1 23 28	13 14	3 1	15 0	27 13		ϕ * \hbar	\square	*	*		σ		σ
3	1 26 28	20 14	48 2	13 29	4		ϕ * γ		*		\square			
4	1 29 28	27 15	32 3	26 0	50		ϕ * \hbar		*					
5	1 33 28	34 16	17 4	39 2	34			*			Δ			
6	1 36 28	41 17	2 5	52 4	17					σ				
7	1 40 28	48 17	46 7	5 5	58					σ			*	*
8	1 44 28	56 18	31 8	18 7	36		\square							
9	1 47 29	3 19	15 9	31 9	11		σ							
10	1 51 29	11 19	59 10	44 10	43							\square	\square	
11	1 54 29	18 20	43 11	57 12	13			Δ		*	*	δ		
12	1 58 29	26 21	27 13	10 13	40				*	*				
13	2 2 29	34 22	11 14	23 15	3				*	\square	\square		Δ	Δ
14	2 6 29	42 22	55 15	36 16	24				*	\square	\square			
15	2 10 29	51 23	39 16	49 17	42	\odot * δ	δ					Δ		
16	2 15 29	59 24	23 18	2 18	58				\square	Δ	Δ			
17	2 19 0	8 25	7 19	15 20	10							δ	δ	
18	2 23 0	16 25	51 20	28 21	19			Δ				\square		
19	2 28 0	25 26	35 21	40 22	26									
20	2 32 0	34 27	19 22	53 23	30			Δ		δ	δ	*		
21	2 37 0	43 28	2 24	6 24	30									
22	2 42 0	52 28	46 25	18 25	26			\square	δ				Δ	Δ
23	2 47 1	1 29	29 26	31 26	19	\odot * γ								
24	2 52 1	10 0	13 27	44 27	9	\odot * \hbar						σ	\square	\square
25	2 57 1	19 0	56 28	56 27	56	\odot * \hbar	*		Δ	Δ				
26	3 2 1	29 1	39 0	9 28	39	δ Δ γ								
27	3 7 1	38 2	22 1	22 29	17				Δ	\square	\square		*	*
28	3 12 1	48 3	5 2	34 29	51	δ Δ \hbar								
29	3 17 1	57 3	48 3	47 0	21	ϕ \square δ		\square	*	*	*			
30	3 22 2	7 4	31 5	0 0	48		σ							

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 42	0 S 36	1 N 43	11 N 51	1 N 3	11 N 39
4	15	45	0 42	0 38	1 43	11 44	1 3	11 28
7	15	45	0 42	0 40	1 43	11 38	1 3	11 17
10	15	46	0 42	0 42	1 43	11 32	1 3	11 5
13	15	46	0 42	0 44	1 42	11 25	1 2	10 53
16	15	46	0 42	0 46	1 42	11 18	1 2	10 41
19	15	46	0 41	0 47	1 42	11 11	1 2	10 28
22	15	46	0 41	0 49	1 42	11 3	1 2	10 15
25	15	47	0 41	0 51	1 42	10 56	1 2	10 2
28	15	47	0 41	0 54	1 42	10 47	1 2	9 49
31	15	47	0 41	0 57	1 42	10 39	1 2	9 35

D M	D W	Sideres' Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	Th	6 35 17	8 50 40	23 N 10	25 21	3 N 47	24 N 48	3 8
2	F	6 39 18	9 47 54	23 6	7 24	3 0	21 20	3 9
3	S	6 43 10	10 45 7	23 2	19 18	3 5	17 2	3 10
4	S	6 47 6	11 42 21	22 57	1 7	1 5	12 6	3 11
5	M	6 51 8	12 39 34	22 52	12 54	0 2	6 46	3 12
6	Tu	6 55 0	13 36 47	22 46	24 43	1 8	1 10	3 13
7	W	6 58 56	14 33 59	22 40	6 40	2 2	4 31	3 15
8	Th	7 2 53	15 31 12	22 34	18 50	2 59	10 8	3 16
9	F	7 6 49	16 28 24	22 27	1 18	3 48	15 31	3 18
10	S	7 10 46	17 25 36	22 20	14 9	4 28	20 22	3 20
11	S	7 14 42	18 22 48	22 12	27 27	4 55	24 24	3 22
12	M	7 18 39	19 20 12	22 4	11 11	5 7	27 12	3 24
13	Tu	7 22 35	20 17 13	21 56	25 23	5 0	28 23	3 26
14	W	7 26 32	21 14 25	21 47	9 58	4 38	27 38	3 27
15	Th	7 30 29	22 11 38	21 38	24 50	3 48	24 56	3 29
16	F	7 34 25	23 8 52	21 29	3 49	2 47	20 27	3 31
17	S	7 38 22	24 6 6	21 19	24 48	1 35	14 45	3 32
18	S	7 42 18	25 3 20	21 9	9 38	0 16	8 13	3 34
19	M	7 46 15	26 0 35	20 58	24 13	1 N 3	1 20	3 36
20	Tu	7 50 11	26 57 51	20 47	8 29	2 16	5 N 27	3 38
21	W	7 54 8	27 55 8	20 36	22 25	3 19	11 49	3 40
22	Th	7 58 42	28 52 26	20 24	6 1	4 9	17 28	3 42
23	F	8 2 12	29 49 45	20 13	19 19	4 45	22 8	3 44
24	S	8 5 58	0 47 52	20 0	2 19	5 5	25 38	3 46
25	S	8 9 54	1 44 26	19 48	15 5	5 10	27 45	3 48
26	M	8 13 51	2 41 48	19 35	27 37	4 59	28 26	3 50
27	Tu	8 17 47	3 39 11	19 21	9 58	4 35	27 39	3 52
28	W	8 21 44	4 36 35	19 8	22 8	3 58	25 34	3 54
29	Th	8 25 40	5 34 0	18 54	4 10	3 11	22 20	3 56
30	F	8 29 37	6 31 25	18 40	16 4	2 16	18 12	3 59
31	S	8 33 33	7 28 52	18 25	27 54	1 10	13 24	4 2

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 23	11 N 59	18 41	20 N 22	18 33	18 N 24	14 x 58
4	1 22	12 41	1 41	19 16	2 19	17 32	14 48
7	1 21	13 24	1 41	18 25	3 4	16 48	14 39
10	1 20	14 5	1 40	17 28	3 46	16 16	14 29
13	1 18	14 48	1 39	16 11	4 21	15 59	14 20
16	1 17	15 21	1 36	14 54	4 45	15 57	14 10
19	1 15	15 59	1 33	13 41	4 56	16 9	14 1
22	1 13	16 34	1 29	12 21	4 52	16 34	13 51
25	1 11	17 7	1 25	11 0	4 32	17 8	13 42
28	1 9	17 38	1 18	9 36	4 0	17 48	13 32
31	1 7	18 8	1 13	8 12	3 20	18 28	13 23

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	3w 28	2w 17	5 14	6 12	1 10								♌
2	3 33	2 27	5 57	7 25	1 30		*				☐	♌	
3	3 39	2 37	6 39	8 37	1 43								
4	3 44	2 48	7 22	9 49	1 49				♌	♌			
5	3 50	2 58	8 41	2 1	1 51		*				Δ		
6	3 55	3 8	8 47	12 14	1 50								
7	4 1	3 19	9 29	13 26	1 45			♌					*
8	4 7	3 30	10 11	14 38	1 36		☐					*	
9	4 13	3 42	10 53	15 51	1 22				*	*			☐
10	4 19	3 51	11 35	17 3	1 2		Δ				♌	☐	
11	4 25	4 1	12 17	18 15	0 38	♌ ☉ ♌		*		☐			Δ
12	4 31	4 12	12 59	19 27	0 10					☐			
13	4 37	4 23	13 41	20 39	29 39							Δ	
14	4 43	4 34	14 22	21 51	29 5			☐	Δ	Δ	Δ		
15	4 49	4 45	15 4	23 3	28 28		♌						♌
16	4 56	4 56	15 45	24 15	27 48			Δ				☐	
17	5 2	5 7	16 27	25 27	7							♌	
18	5 8	5 18	17 8	26 39	26 26				♌	♌			
19	5 15	5 30	17 49	27 51	25 46	☉ ☉ ♌	Δ		♌		*		Δ
20	5 22	5 41	18 30	29 3	25 6			♌					
21	5 28	5 53	19 11	0 15	24 27		☐						☐
22	5 35	6 4	19 52	1 26	23 49					Δ	Δ	Δ	*
23	5 41	6 16	20 33	2 38	23 14							♌	*
24	5 48	6 27	21 14	3 50	22 43		*	Δ	☐	☐		☐	
25	5 55	6 39	21 54	5 1	22 17								
26	6 2	6 50	22 35	6 12	21 55	♀ ☉ ♌					*	*	
27	6 9	7 2	23 15	7 24	21 38	☉ * ♌		☐	*	*		*	
28	6 15	7 14	23 55	8 35	21 25	♀ ☉ ♌					*		♌
29	6 22	7 26	24 35	9 47	21 17		♌	*					
30	6 28	7 38	25 15	10 58	21 18								
31	6 35	7 50	25 55	12 10	21 27							☐	

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 41	1 S 0	1 N 42	10 N 38	1 N 2	9 N 31
4	15	47	0 41	1 4	1 42	10 30	1 2	9 17
7	15	48	0 41	1 7	1 42	10 22	1 1	9 3
10	15	48	0 41	1 11	1 42	10 14	1 1	8 49
13	15	49	0 41	1 14	1 42	10 6	1 1	8 35
16	15	49	0 41	1 17	1 42	9 58	1 1	8 21
19	15	50	0 41	1 20	1 42	9 49	1 1	8 6
22	15	50	0 40	1 23	1 42	9 40	1 1	7 51
25	15	51	0 40	1 27	1 42	9 32	1 1	7 37
28	15	51	0 40	1 31	1 42	9 24	1 1	7 22
31	15	52	0 40	1 35	1 42	9 16	1 1	7 7

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☿ Long.	☿ Lat.	☿ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	8 37 30	8 26 19	18 N 10	9 40	0 N 12	8 N 8	4 5
2	M	8 41 27	9 23 47	17 55	21 27	0 S 52	2 35	4 7
3	Tu	8 45 23	10 21 16	17 40	3 17	1 55	3 S 4	4 10
4	W	8 49 20	11 18 45	17 24	15 15	2 53	8 40	4 12
5	Th	8 53 16	12 16 16	17 8	27 25	3 45	14 3	4 15
6	F	8 57 13	13 13 46	16 52	9 51	4 27	19 0	4 18
7	S	9 1 9	14 11 18	16 35	22 39	4 57	23 14	4 20
8	S	9 5 6	15 8 50	16 19	5 52	5 13	26 26	4 23
9	M	9 9 3	16 6 23	16 2	19 32	5 12	28 14	4 26
10	Tu	9 12 59	17 3 57	15 44	3 40	4 52	28 17	4 29
11	W	9 16 56	18 1 32	15 27	18 14	4 14	26 25	4 32
12	Th	9 20 52	18 59 8	15 9	3 9	3 17	22 40	4 35
13	F	9 24 49	19 56 45	14 51	18 17	2 6	17 22	4 38
14	S	9 28 45	20 54 23	14 33	3 29	0 45	10 57	4 42
15	S	9 32 42	21 52 3	14 14	18 35	0 N 38	3 56	4 45
16	M	9 36 38	22 49 44	13 55	3 27	1 58	3 N 10	4 48
17	Tu	9 40 35	23 47 26	13 36	17 58	3 8	9 57	4 51
18	W	9 44 31	24 45 11	13 17	2 5	4 4	16 2	4 54
19	Th	9 48 28	25 42 57	12 58	15 48	4 45	21 8	4 56
20	F	9 52 25	26 40 44	12 38	29 6	5 9	25 0	5 0
21	S	9 56 21	27 38 34	12 18	12 3	5 17	27 29	5 3
22	S	10 0 18	28 36 25	11 58	24 40	5 9	28 30	5 6
23	M	10 4 14	29 34 18	11 38	7 1	4 47	28 3	5 10
24	Tu	10 8 11	0 32 13	11 18	19 11	4 12	26 15	5 13
25	W	10 12 7	1 30 10	10 57	1 10	3 26	23 16	5 16
26	Th	10 16 4	2 28 9	10 36	13 3	2 32	19 21	5 20
27	F	10 20 0	3 26 9	10 15	24 52	1 32	14 41	5 23
28	S	10 23 57	4 24 11	9 54	6 39	0 27	9 30	5 27
29	S	10 27 54	5 22 14	9 33	18 27	0 S 38	4 0	5 31
30	M	10 31 50	6 20 19	9 12	0 17	1 42	1 S 40	5 34
31	Tu	10 35 47	7 18 26	8 50	12 12	2 42	7 19	5 37

AUGUST XXXI DAYS.

Mars.			Venus.			Mercury.			Moon's Node.						
Lat.	Declin.		Lat.	Declin.		Lat.	Declin.								
18 6	18 N	21	1 N	12	7 N	38 4	18 N	42	13 x 20						
1 4	18	48	1 5	6	9	2 16	19	16	13 10						
1 2	19	16	0 57	4	40	1 28	19	40	13 1						
1 0	19	42	0 48	3	10	0 41	19	50	12 51						
0 57	20	6	0 40	1	36	0 N 2	19	41	12 42						
0 53	20	28	0 30	0	3	0 39	19	6	12 32						
0 52	20	50	0 21	18 30	1 8	18	7	12 22							
0 49	21	10	0 11	3 2	1 28	16	45	12 13							
0 46	21	28	0 8 1	4 35	1 41	15	3	12 3							
0 43	21	44	0 13	6 6	1 46	13	5	11 54							
0 39	22	0	0 26	7 34	1 45	10	56	11 44							
Mutual Lunar Aspects.															
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏
1 54 42	8 44	2 26 35	13 21	21 39											
2 5 49	8 14	27 15	14 32	21 57				♈	♈				♈		*
3 5 56	8 26	27 54	15 43	22 24			♈						♈		
4 7 3	8 38	28 33	16 54	22 58		*									
5 7 10	8 50	29 12	18 5	23 38											☐
6 7 17	9 2	29 51	19 16	24 23		☐		*	*						
7 7 25	9 15	0 30	20 27	25 14				*	*				*	Δ	
8 7 32	9 27	1 9	21 38	26 12			*	☐	☐	♈			*		
9 7 39	9 40	1 47	22 49	27 16		Δ							☐		
10 7 46	9 52	2 25	24 0	28 26			☐	Δ	Δ						
11 7 53	10 5	3 32	25 11	29 42											
12 9 0	10 17	3 41	26 22	1 3			♈	Δ				Δ	Δ	♈	
13 9 8	10 30	4 19	27 32	2 29											
14 9 15	10 43	4 56	28 43	4 0	♈ Δ ☿				♈	♈	☐				
15 9 23	10 55	5 34	29 53	5 36	☿ * ☿										
16 9 30	11 8	6 11	1 4	7 16	☿ * ♈		♈				*	♈	Δ		
17 9 38	11 20	6 49	2 14	9 0		Δ	♈					*	♈	Δ	
18 9 45	11 33	7 26	3 24	10 47					Δ						
19 9 52	11 46	8 8	4 34	12 37						Δ					☐
20 9 0	11 59	8 40	5 44	14 29	☿ ☿ ☿	☐	Δ								
21 9 8	12 11	9 16	6 54	16 23	♈ ☐ ♈			☐			♈	Δ	*		
22 9 15	12 24	9 53	8 4	18 19		*				☐					
23 9 23	12 36	10 29	9 14	20 16				☐	*				☐		
24 9 30	12 49	11 6	10 24	22 14						*					
25 9 38	13 2	11 42	11 33	24 13	☿ Δ ♈		*								
26 9 45	13 15	12 18	12 43	26 12								*	*		
27 9 53	13 28	13 53	13 52	28 11											♈
28 10 0	13 41	15 29	15 2	0 9	♈ ☐ ♈	♈		♈							
29 10 8	13 54	16 4	16 11	2 7							♈	☐			
30 10 15	14 7	17 39	17 21	4 5											
31 10 23	14 20	18 14	18 30	6 2			♈					Δ			

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 41	1 S 0	1 N 42	10 N 38	1 N 2	9 N 31
4	15	47	0 41	1 4	1 42	10 30	1 2	9 17
7	15	48	0 41	1 7	1 42	10 22	1 1	9 3
10	15	48	0 41	1 11	1 42	10 14	1 1	8 49
13	15	49	0 41	1 14	1 42	10 6	1 1	8 35
16	15	49	0 41	1 17	1 42	9 58	1 1	8 21
19	15	50	0 41	1 20	1 42	9 49	1 1	8 6
22	15	50	0 40	1 23	1 42	9 40	1 1	7 51
25	15	51	0 40	1 27	1 42	9 32	1 1	7 37
28	15	51	0 40	1 31	1 42	9 24	1 1	7 23
31	15	52	0 40	1 35	1 42	9 16	1 1	7 7

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	8 37 30	8 26 19	18 N 10	9 40	0 N 12	8 N 8	4 5
2	M	8 41 27	9 23 47	17 55	21 27	0 S 52	2 35	4 7
3	Tu	8 45 23	10 21 16	17 40	3 17	1 55	3 S 4	4 10
4	W	8 49 20	11 18 45	17 24	15 15	2 53	8 40	4 12
5	Th	8 53 16	12 16 16	17 8	27 25	3 45	14 3	4 15
6	F	8 57 13	13 13 46	16 52	9 51	4 27	19 0	4 18
7	S	9 1 9	14 11 18	16 35	22 39	4 57	23 14	4 20
8	S	9 5 6	15 8 50	16 19	5 52	5 13	26 26	4 23
9	M	9 9 3	16 6 23	16 2	19 32	5 12	28 14	4 26
10	Tu	9 12 59	17 3 57	15 44	3 40	4 52	28 17	4 29
11	W	9 16 56	18 1 32	15 27	18 14	4 14	26 25	4 32
12	Th	9 20 52	18 59 8	15 9	3 9	3 17	22 40	4 35
13	F	9 24 49	19 56 45	14 51	18 17	2 6	17 22	4 38
14	S	9 28 45	20 54 23	14 33	3 29	0 45	10 57	4 42
15	S	9 32 42	21 52 3	14 14	18 35	0 N 38	3 56	4 45
16	M	9 36 38	22 49 44	13 55	3 27	1 58	3 N 10	4 48
17	Tu	9 40 35	23 47 26	13 36	17 58	3 8	9 57	4 51
18	W	9 44 31	24 45 11	13 17	2 5	4 4	16 2	4 54
19	Th	9 48 28	25 42 57	12 58	15 48	4 45	21 8	4 56
20	F	9 52 25	26 40 44	12 38	29 6	5 9	25 0	5 0
21	S	9 56 21	27 38 34	12 18	12 3	5 17	27 29	5 3
22	S	10 0 18	28 36 25	11 58	24 40	5 9	28 30	5 6
23	M	10 4 14	29 34 18	11 38	7 1	4 47	28 3	5 10
24	Tu	10 8 11	0 32 13	11 18	19 11	4 12	26 15	5 13
25	W	10 12 7	1 30 10	10 57	1 10	3 26	23 16	5 16
26	Th	10 16 4	2 28 9	10 36	13 3	2 32	19 21	5 20
27	F	10 20 0	3 26 9	10 15	24 52	1 32	14 41	5 23
28	S	10 23 57	4 24 11	9 54	6 39	0 27	9 30	5 27
29	S	10 27 54	5 22 14	9 33	18 27	0 S 38	4 0	5 31
30	M	10 31 50	6 20 19	9 12	0 17	1 42	1 S 40	5 34
31	Tu	10 35 47	7 18 26	8 50	12 12	2 42	7 19	5 37

SEPTEMBER XXX DAYS.

Day	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 38	22 8 5	08 28	88 8	1 N 43	10 N 11	11 * 41
4	0 35	22 18	0 40	9 36	1 35	7 53	11 31
7	0 31	22 31	0 52	11 4	1 23	5 33	11 22
10	0 27	22 41	1 6	12 26	1 7	3 11	11 12
13	0 24	22 51	1 18	13 52	0 49	0 50	11 8
16	0 20	23 0	1 32	15 11	0 30	18 28	10 53
19	0 16	23 8	1 44	16 31	0 9	3 43	10 44
22	0 12	23 15	1 57	17 45	08 13	5 54	10 34
25	0 7	23 21	2 9	18 56	0 35	8 1	10 25
28	0 2	23 27	2 22	20 2	0 57	10 2	10 15

Day	♂		♀		♂	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
1	10 31	14 33	15 11	49 19	39 7	♈ 58								♈ *
4	35 14	46 16	23 20	48 9	54	☉ ☿ ♈	*		*					*
7	45 14	59 16	57 21	57 11	48	☿ ☉ ♈			*					
10	53 15	12 17	31 23	6 13	40	☉ ☉ ♈		*						
13	1 15	25 18	52 4	15 15	32	☿ ☉ ♈	☐		☐	☐	♊			☐
16	8 15	38 18	39 25	24 17	23			☐					*	
19	16 15	51 19	12 26	33 19	13	☿ ☐ ☉	Δ		Δ	Δ				
22	24 16	4 19	45 27	42 21	2								☐	Δ
25	31 16	17 20	17 28	50 22	49	☉ ☉ ♈		Δ						
28	35 16	30 20	50 29	58 24	35							Δ	Δ	
31	40 16	43 21	22 1	6 26	20		♊		♊	♊				♊
4	54 16	56 21	55 2	14 28	4			♊				☐		♊
7	1 17	9 22	27 3	22 29	47			♊					*	
10	9 17	22 22	58 4	30 1	29									
13	16 17	35 23	29 5	37 3	10				Δ			♊		
16	24 17	48 24	0 6	45 4	50			Δ		Δ				
19	31 18	1 24	31 7	52 6	29	☿ ☉ ♈		Δ	Δ	☐	Δ			Δ
22	39 18	14 25	2 9	0 8	7		☐				☐	☉		
25	46 18	26 25	33 10	7 9	44	☉ ☐ ☉		☐			*	*		
28	53 18	39 26	3 11	14 11	20				*	*			Δ	☐
31	1 18	52 26	33 12	21 12	55		*							
4	8 19	5 27	2 13	27 14	28	☿ * ♈		*					☐	*
7	16 19	18 27	31 14	34 16	1									
10	23 19	31 28	0 15	41 17	33							*		
13	30 19	44 28	29 16	47 19	4				☉	☉		*		
16	38 19	57 28	57 17	53 20	34		☉					☐		
19	45 20	9 29	24 18	59 22	3			☉						
22	52 20	22 29	52 20	4 23	32	☿ * ♈								☉
25	0 20	35 0	19 21	10 25	0							Δ		
28	7 20	47 0	47 22	16 26	26				*	*				

SEPTEMBER XXX DAYS.

D M	Sun's. Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	'	"	°	'	°	'	°	'
1	15	54	0 N 40	1 S 38	1 N 42	9 N 13	1 N 1	7 N
4	15	54	0 40	1 43	1 42	9 5	1 1	6
7	15	55	0 40	1 48	1 42	8 56	1 1	6
10	15	56	0 40	1 53	1 42	8 47	1 1	6
13	15	57	0 40	1 57	1 43	8 39	1 2	6
16	15	57	0 40	2 1	1 43	8 30	1 2	5
19	15	58	0 40	2 5	1 43	8 22	1 2	5
22	15	59	0 40	2 9	1 43	8 14	1 2	5
25	16	0	0 40	2 13	1 44	8 6	1 2	5
28	16	0	0 40	2 18	1 44	7 58	1 2	4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Lon.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	W	10 39 43	8 ^m 16 34	8 N 29	24 ^h 15	3 S 36	12 S 45	5 ^h 2
2	Th	10 43 40	9 14 43	8 7	6 ^m 30	4 20	17 47	5
3	F	10 47 36	10 12 54	7 45	18 58	4 53	22 11	5
4	S	10 51 33	11 11 6	7 23	1 ^h 45	5 13	25 39	5
5	S	10 55 29	12 9 20	7 14	53	5 18	27 52	5
6	M	10 59 26	13 7 35	6 38	28 25	5 5	28 32	5
7	Tu	11 3 23	14 5 51	6 16	12 ^h 21	4 34	27 26	6
8	W	11 7 19	15 4 9	5 53	26 43	3 45	24 31	6
9	Th	11 11 16	16 2 29	5 31	11 ^m 27	2 40	19 56	6
10	F	11 15 12	17 0 50	5 8	26 27	1 24	14 1	6
11	S	11 19 9	17 59 13	4 45	11 ^h 37	0 0	7 13	6
12	S	11 23 5	18 57 38	4 22	26 46	1 N 23	0 1	6
13	M	11 27 2	19 56 4	3 59	11 ^h 47	2 40	7 N 7	6
14	Tu	11 30 58	20 54 33	3 36	26 30	3 44	13 43	6
15	W	11 34 55	21 53 3	3 13	10 ^h 49	4 33	19 24	6
16	Th	11 38 52	22 51 36	2 50	24 41	5 4	23 52	6
17	F	11 42 48	23 50 11	2 27	8 ^h 6	5 17	26 54	6
18	S	11 46 45	24 48 48	2 4	21 6	5 13	28 22	6
19	S	11 50 41	25 47 28	1 40	3 ^h 42	4 54	28 19	6
20	M	11 54 38	26 46 10	1 17	16 0	4 22	26 50	6
21	Tu	11 58 34	27 44 54	0 54	28 4	3 39	24 8	6
22	W	12 2 31	28 43 41	0 30	9 ^h 58	2 46	20 27	6
23	Th	12 6 27	29 42 30	0 7	21 47	1 48	15 58	7
24	F	12 10 24	0 ^h 41 21	0 S 16	3 ^m 33	0 45	10 55	7
25	S	12 14 21	1 40 14	0 40	15 21	0 S 20	5 28	7
26	S	12 18 17	2 39 10	1 3	27 13	1 25	0 S 11	7
27	M	12 22 14	3 38 7	1 27	9 ^h 10	2 26	5 53	7
28	Tu	12 26 10	4 37 7	1 50	21 16	3 21	11 25	7
29	W	12 30 7	5 36 9	2 14	3 ^m 31	4 8	16 35	7
30	Th	12 34 3	6 35 12	2 37	15 58	4 44	21 9	7

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 2	23 N 30	2 S 34	21 S 7	1 S 19	11 S 57	10 x 6
4	0 7	23 34	2 46	22 2	1 40	13 45	9 57
7	0 12	23 37	2 57	23 1	2 0	15 26	9 47
10	0 17	23 40	3 8	23 52	2 18	16 59	9 38
13	0 23	23 43	3 18	24 36	2 35	18 22	9 28
16	0 29	23 46	3 28	25 15	2 48	19 34	9 19
19	0 35	23 49	3 36	25 52	2 58	20 38	9 9
22	0 42	23 52	3 45	26 20	3 3	21 17	9 0
25	0 48	23 55	3 50	26 46	3 1	21 44	8 50
28	0 54	23 58	3 55	27 7	2 50	21 46	8 41
31	1 2	24 1	4 0	27 19	2 27	21 20	8 31

D M	h		♄		♅		♆		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	14	14	21	0	1	14	23	21	27	♈						♈
2	14	21	21	13	1	40	24	26	29	17	*	*	□			
3	14	28	21	25	2	5	25	31	0	40				□		
4	14	35	21	38	2	30	26	35	2	2	♋	♈		Δ	♈	*
5	14	42	21	51	2	55	27	40	3	23	□	□	Δ		♈	*
6	14	49	22	3	3	20	28	45	4	43	Δ	Δ				□
7	14	56	22	16	3	45	29	49	6	3						
8	15	3	22	28	4	9	0	53	7	22					Δ	□
9	15	10	22	41	4	32	1	56	8	39			♈	♈		Δ
10	15	17	22	53	4	55	2	59	9	53		♈			□	Δ
11	15	24	23	6	5	17	4	2	11	6	♈					
12	15	31	23	18	5	39	5	5	12	18					*	
13	15	37	23	31	6	1	6	8	13	29			Δ	Δ		♈
14	15	44	23	43	6	22	7	10	14	38		Δ				♈
15	15	51	23	56	6	43	8	11	15	44	♀	*	♈	Δ		
16	15	57	24	8	7	3	9	13	16	48	♀	*	♈			
17	16	4	24	20	7	22	10	11	17	50			□	*	♈	Δ
18	16	11	24	32	7	42	11	15	18	49		□	*		*	
19	16	17	24	44	8	1	12	16	19	45	♈	□	♈			
20	16	24	24	56	8	19	13	16	20	38			*			Δ
21	16	30	25	8	8	36	14	15	21	29	*					
22	16	36	25	20	8	53	15	15	22	13			♈		*	□
23	16	43	25	32	9	9	16	14	22	54	♀	□	♈			*
24	16	49	25	44	9	26	17	13	23	30			♈		□	
25	16	55	25	55	9	42	18	12	24	1					*	
26	17	1	26	7	9	57	19	10	24	26	♈					
27	17	7	26	18	10	11	20	8	24	44			*		Δ	
28	17	13	26	30	10	25	21	5	24	56				*		♈
29	17	18	26	41	10	38	22	2	25	0		*				
30	17	24	26	53	10	50	22	58	24	55			□	□		♈
31	17	30	27	4	11	2	23	53	24	40	*	□				

OCTOBER XXXI DAYS.

D	Sun's		Herschel.		Saturn.		Jupiter.	
M	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	'	"	°	'	°	'	°	'
1	16	1	0 N 40	2 S 23	1 N 45	7 N 49	1 N 3	4 N
4	16	1	0 40	2 28	1 45	7 41	1 3	4
7	16	2	0 40	2 33	1 46	7 34	1 3	4
10	16	3	0 40	2 38	1 46	7 26	1 3	3
13	16	4	0 40	2 42	1 46	7 19	1 4	3
16	16	5	0 40	2 46	1 46	7 11	1 4	3
19	16	5	0 40	2 49	1 47	7 4	1 4	3
22	16	6	0 40	2 52	1 47	6 57	1 5	2
25	16	7	0 40	2 56	1 48	6 50	1 5	2
28	16	7	0 40	3 0	1 48	6 43	1 5	2
31	16	8	0 40	3 4	1 49	6 37	1 5	2

D	D	Sidereal	☉		♄		♃		♅
M	W	Time.	Long.	Declin	Long.	Lat.	Declin	Lon	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°	
1	F	12 38 0	7 34 17	3 S 0	28 m 27	5 S 6	24 S 51	7 2	
2	S	12 41 56	8 33 24	3 24 11	30	5 14	27 22	7	
3	S	12 45 53	9 32 33	3 47 24	39	5 5	28 27	7	
4	M	12 49 50	10 31 43	4 10 8	v 6	4 40	27 53	7	
5	Tu	12 53 46	11 30 55	4 34 21	53	3 59	25 37	7	
6	W	12 57 43	12 30 9	4 57 5	m 59	3 22	1 44	7	
7	Th	13 1 39	13 29 24	5 20 20	23	1 53	16 29	7	
8	F	13 5 36	14 28 41	5 43 5	x 4	0 34	10 12	7	
9	S	13 9 32	15 28 1	6 6 19	56	0 N 47	3 16	8	
10	S	13 13 29	16 27 22	6 29 4	r 53	2 5	3 N 52	8	
11	M	13 17 26	17 26 45	6 51 19	47	3 14	10 45	8	
12	Tu	13 21 22	18 26 10	7 14 4	s 28	4 10	16 56	8	
13	W	13 25 18	19 25 37	7 37 18	51	4 48	22 3	8	
14	Th	13 29 15	20 25 6	7 59 2	n 49	5 8	25 46	8	
15	F	13 33 12	21 24 35	8 22 16	21	5 9	27 53	8	
16	S	13 37 8	22 24 12	8 44 29	26	4 55	28 23	8	
17	S	13 41 5	23 23 48	9 6 12	s 6	4 26	27 19	8	
18	M	13 45 1	24 23 27	9 28 24	25	3 45	24 57	8	
19	Tu	13 48 58	25 23 8	9 50 6	Q 29	2 55	21 30	8	
20	W	13 52 54	26 22 51	10 11 18	22	1 59	17 13	8	
21	Th	13 56 51	27 22 37	10 33 0	m 9	0 57	12 20	8	
22	F	14 0 47	28 22 25	10 54 11	56	0 S 6	7 0	8	
23	S	14 4 44	29 22 15	11 16 23	46	1 10	1 25	8	
24	S	14 8 41	0 m 22	8 11 37	5 s 44	2 10	48 16	8	
25	M	14 12 37	1 22 2	11 56 17	51	3 6	9 53	9	
26	Tu	14 16 34	2 21 59	12 18 0	m 11	3 54	15 11	9	
27	W	14 20 30	3 21 58	12 39 12	44	4 31	19 59	9	
28	Th	14 24 27	4 21 58	12 59 25	29	4 56	23 56	9	
29	F	14 28 23	5 22 1	13 20 8	f 27	5 52	26 45	9	
30	S	14 32 20	6 22 5	13 39 21	37	4 59	28 11	9	
31	S	14 36 16	7 22 10	13 59 4	v 59	4 37	27 59	9	

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 2	23 N 30	2 S 34	21 S 7	1 S 19	11 S 57	10 x 6
4	0 7	23 34	2 46	22 2	1 40	13 45	9 57
7	0 12	23 37	2 57	23 1	2 0	15 26	9 47
10	0 17	23 40	3 8	23 52	2 18	16 59	9 38
13	0 23	23 43	3 18	24 36	2 35	18 22	9 28
16	0 29	23 46	3 28	25 15	2 48	19 34	9 19
19	0 35	23 49	3 36	25 52	2 58	20 33	9 9
22	0 42	23 52	3 45	26 20	3 3	21 17	9 0
25	0 48	23 55	3 50	26 46	3 1	21 44	8 50
28	0 54	23 58	3 55	27 7	2 50	21 46	8 41
31	1 2	24 1	4 0	27 19	2 27	21 20	8 31

D	h	Long.	♂	♀	♀	Mutual	Lunar	Aspects.							
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	♂	♀	♀				
	°	'	°	'	°	'									
1	14	14	21	0	1	14	23	21	27	△	52	☉	♂	☽	
2	14	21	21	13	1	40	24	26	29	17		*	*	☐	
3	14	28	21	25	2	5	25	31	0	m	40			☐	
4	14	35	21	38	2	30	26	35	2	2		♀	△	♂	*
5	14	42	21	51	2	55	27	40	3	23		☐	☐	△	♂
6	14	49	22	3	3	20	28	45	4	43			△	△	
7	14	56	22	16	3	45	29	49	6	3					☐
8	15	3	22	28	4	9	0	7	53	7	22				△
9	15	10	22	41	4	32	1	56	8	39			♂	♂	☐
10	15	17	22	53	4	55	2	59	9	53			♂		☐
11	15	24	23	6	5	17	4	2	11	6			♂		
12	15	31	23	18	5	39	5	5	12	18					
13	15	37	23	31	6	1	6	8	13	29				△	♂
14	15	44	23	43	6	22	7	10	14	38			△		♂
15	15	51	23	56	6	43	8	11	15	44		♀	*	☽	
16	15	57	24	8	7	3	9	13	16	48		♀	*	h	
17	16	4	24	20	7	22	10	1	17	50			☐	*	☐
18	16	11	24	32	7	42	11	15	18	49			☐	*	♂
19	16	17	24	44	8	1	12	16	19	45		♂	☐	☽	
20	16	24	24	56	8	19	13	16	20	38					△
21	16	30	25	8	8	36	14	15	21	29			*		
22	16	36	25	20	8	53	15	15	22	13				♂	*
23	16	43	25	32	9	9	16	14	22	54		♀	☐	h	*
24	16	49	25	44	9	26	17	13	23	30				♂	☐
25	16	55	25	55	9	42	18	12	24	1					*
26	17	1	26	7	9	57	19	10	24	26			♂		
27	17	7	26	18	10	11	20	8	24	44				*	
28	17	13	26	30	10	25	21	5	24	56				*	♂
29	17	18	26	41	10	38	22	2	25	0			*		
30	17	24	26	53	10	50	22	58	24	55				☐	♂
31	17	30	27	4	11	2	23	53	24	40			*	☐	

NOVEMBER XXX DAYS.

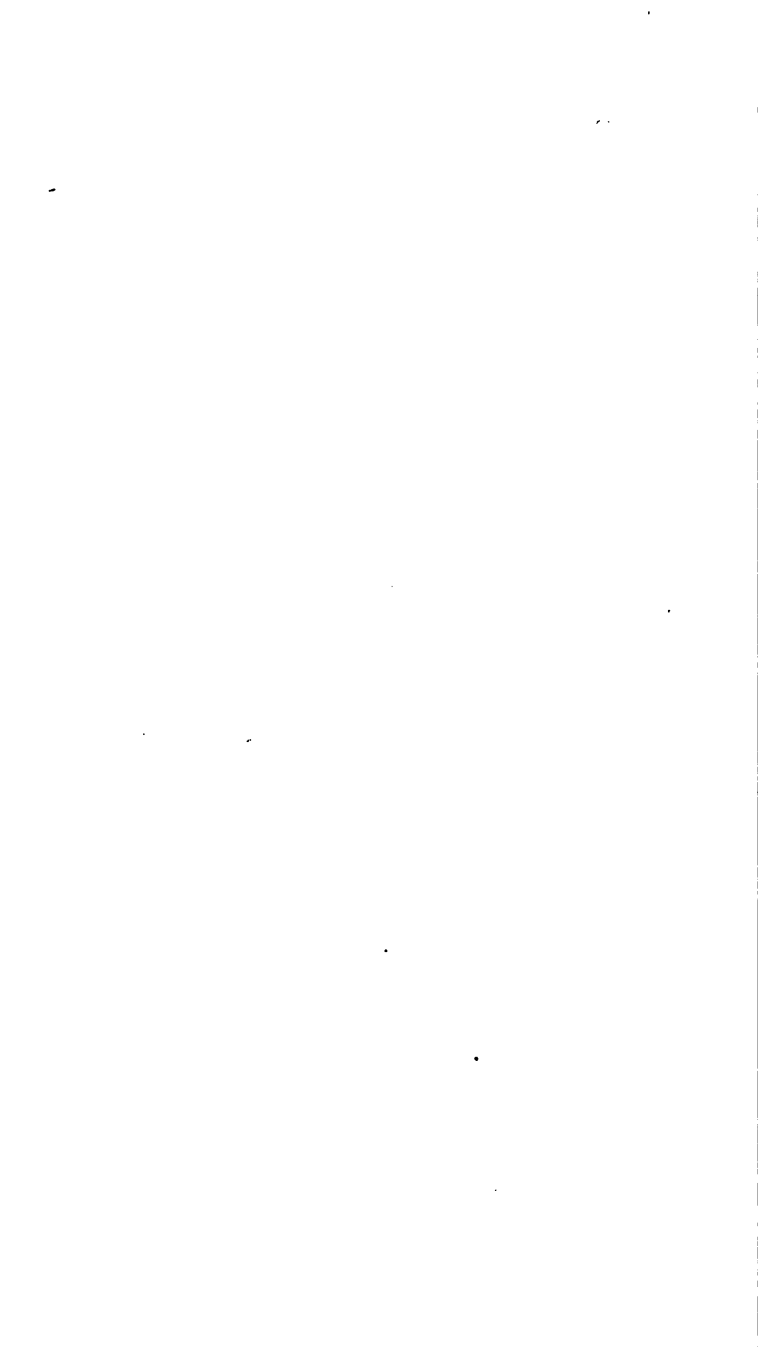
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 40	3 S 8	1 N 50	6 N 35	1 N 6	2 N 7
4	16	10	0 40	3 12	1 50	6 29	1 6	1 54
7	16	11	0 40	3 16	1 51	6 24	1 7	1 41
10	16	12	0 40	3 21	1 51	6 18	1 7	1 29
13	16	12	0 40	3 25	1 52	6 13	1 8	1 17
16	16	13	0 40	3 28	1 53	6 8	1 8	1 6
19	16	14	0 40	3 31	1 54	6 4	1 9	0 54
22	16	14	0 40	3 34	1 54	6 0	1 9	0 43
25	16	15	0 40	3 37	1 55	5 56	1 10	0 33
28	16	15	0 40	3 40	1 55	5 50	1 10	0 23

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♅ Long.
		H. M. S.	°	'	°	'	°	'
1	M	14 40 13	8 ^m 22 17	14 S 19	18 ^m 32	3 S 59	26 S 7	9 ^m 26
2	Tu	14 44 10	9 22 26	14 38	2 ^m 17	3 16	22 42	9 30
3	W	14 48 6	10 22 36	14 57	16 14	2 21	17 56	9 33
4	Th	14 52 3	11 22 48	15 16	0 ^m 23	0 50	12 8	9 36
5	F	14 55 59	12 23 15	15 34	14 42	0 N 27	5 37	9 40
6	S	14 59 56	13 23 16	15 53	29 9	1 42	1 N 13	9 43
7	S	15 3 52	14 23 32	16 11	13 ^m 42	2 51	8 2	9 46
8	M	15 7 49	15 23 50	16 28	28 14	3 48	14 25	9 50
9	Tu	15 11 45	16 24 9	16 46	12 ^m 39	4 31	19 57	9 53
10	W	15 15 42	17 24 30	17 3	26 50	4 56	24 16	9 56
11	Th	15 19 39	18 24 53	17 20	10 ^m 43	5 2	27 4	9 59
12	F	15 23 35	19 25 17	17 36	24 13	4 52	23 12	10 2
13	S	15 27 32	20 25 44	17 53	7 ^m 19	4 26	27 41	10 5
14	S	15 31 28	21 26 12	18 9	20 1	3 47	25 43	10 8
15	M	15 35 25	22 26 42	18 24	2 ^m 23	2 59	22 33	10 11
16	Tu	15 39 21	23 27 15	18 39	14 28	2 4	18 29	10 15
17	W	15 43 18	24 27 49	18 54	26 22	1 4	13 44	10 18
18	Th	15 47 14	25 28 24	19 9	8 ^m 20	0 1	8 32	10 21
19	F	15 51 11	26 29 2	19 23	19 57	1 S 1	3 3	10 24
20	S	15 55 8	27 29 42	19 37	1 ^m 50	2 1	2 S 35	10 27
21	S	15 59 4	28 30 23	19 51	13 53	2 56	8 11	10 30
22	M	16 3 1	29 31 6	20 4	26 9	3 44	13 35	10 33
23	Tu	16 6 57	0 ^m 31 51	20 17	8 ^m 41	4 23	18 33	10 36
24	W	16 10 54	1 32 37	20 30	21 31	4 15	22 43	10 39
25	Th	16 14 50	2 33 24	20 42	4 ^m 38	5 0	26 0	10 42
26	F	16 18 47	3 34 13	20 53	18 0	4 55	27 49	10 45
27	S	16 22 44	4 35 3	21 5	1 ^m 36	4 34	28 1	10 48
28	S	16 26 40	5 35 54	21 16	15 21	3 56	26 30	10 51
29	M	16 30 37	6 36 46	21 22	29 1	3 5	23 21	10 53
30	Tu	16 34 34	7 37 38	21 36	13 ^m 10	2 1	18 49	10 56

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	2 N 29	25 N 31	2 S 42	25 S 15	1 N 56	15 S 46	6 × 52
4	2 37	25 43	2 11	24 43	1 37	17 7	6 42
7	2 46	25 55	1 50	24 12	1 15	18 28	6 33
10	2 25	26 6	1 15	23 37	0 53	19 45	6 23
13	3 1	26 18	0 41	23 8	0 31	20 57	6 14
16	3 8	26 27	0 N 0	22 10	0 9	22 0	6 4
19	3 15	26 37	0 43	21 50	0 S 12	22 55	5 55
22	3 20	26 46	1 30	21 3	0 33	23 40	5 45
25	3 25	26 52	2 16	20 34	0 52	24 14	5 36
28	3 29	26 59	3 52	19 55	1 9	24 37	5 26
31	3 32	27 1	3 24	19 22	1 25	24 48	5 17

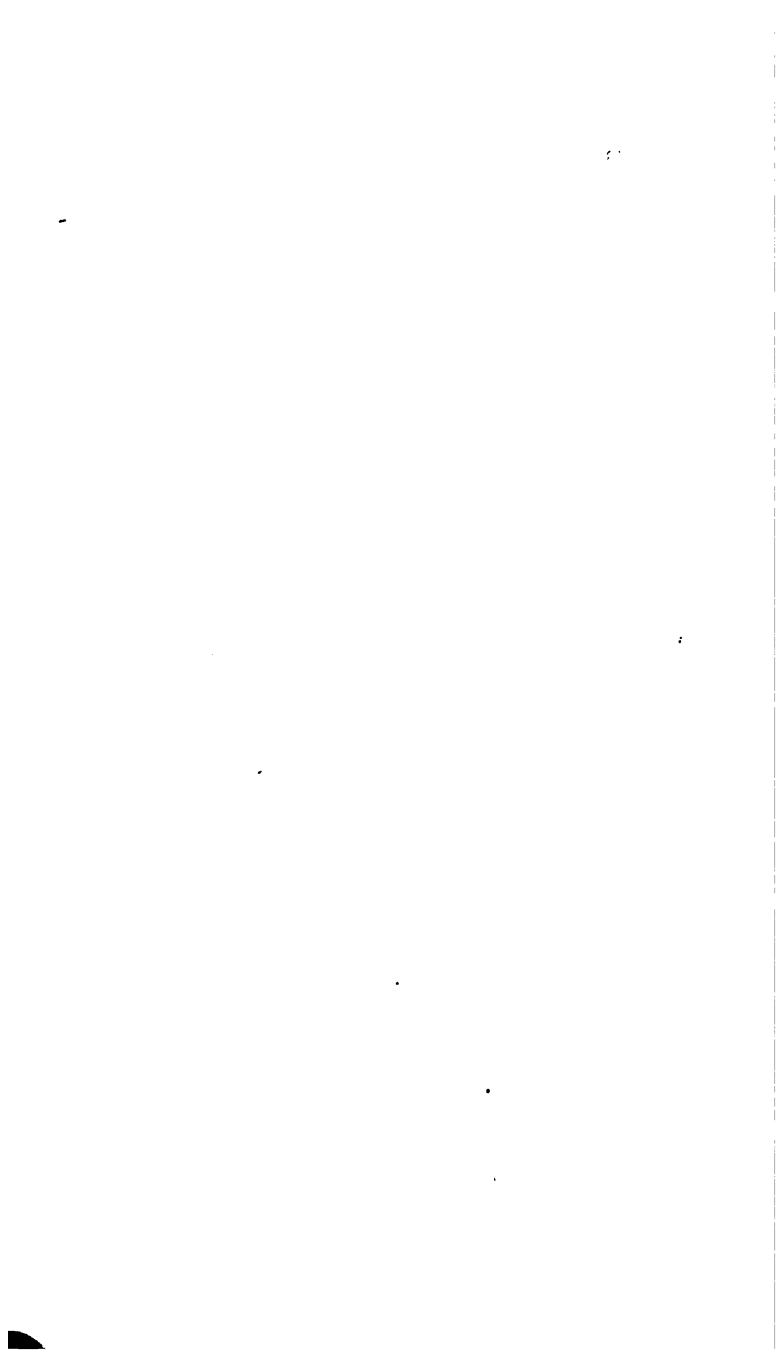
D M	♈		♉		♊		♋		Mutual Aspts.	Lunar Aspects.							
	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.		☉	☿	♈	♉	♊	♋	♌	♍
<hr/>																	
1	19	51	2	12	10	35	40	15	23	19	31	♌ * ♈					
2	19	54	2	20	10	36	15	44	20	49		☐				Δ *	
3	19	57	2	28	10	11	16	2	22	10		☉ * ♈		♌			Δ
4	20	0	2	36	9	56	16	18	23	34		Δ	♌		♌	☐	
5	20	3	2	44	9	40	16	38	24	58							☐
<hr/>																	
6	20	6	2	52	9	23	16	44	26	23						*	
7	20	9	3	0	9	5	16	54	27	49				Δ		Δ	
8	20	12	3	7	8	47	17	0	29	16			Δ		Δ		♌
9	20	14	3	14	8	28	17	4	0	44		♌		☐			
10	20	17	3	21	8	9	17	4	2	12					☐	♌	
<hr/>																	
11	20	19	3	28	7	49	17	4	3	41	♌ * ♈		☐	*			♌
12	20	21	3	35	7	28	17	4	5	10					*		
13	20	23	3	42	7	6	17	4	6	40	☉ ☐ ♈		*				Δ
14	20	25	3	48	6	43	17	2	8	10		Δ					
15	20	27	3	55	6	21	16	56	9	41	♌ * ♈					*	
<hr/>																	
16	20	28	4	1	5	58	16	42	11	12				♌		Δ	☐
17	20	30	4	8	5	36	16	27	12	43		☐		♌			
18	20	32	4	14	5	13	16	7	14	14			♌		♌	☐	*
19	20	33	4	20	4	50	15	44	15	46		*				☐	
20	20	34	4	25	4	26	15	20	17	18	♌ ☐ ♈					Δ	
<hr/>																	
21	20	35	4	31	4	8	14	55	18	50				*			*
22	20	36	4	36	3	39	14	29	20	23	♌ ☐ ♈			*		*	
23	20	37	4	42	3	15	14	2	21	56			*				
24	20	38	4	47	2	51	13	34	23	29		♌		☐		♌	♌
25	20	39	4	51	2	27	13	4	25	2	☉ ♌ ♌		☐		☐	♌	
<hr/>																	
26	20	39	4	56	2	4	12	32	26	36				Δ			
27	20	39	5	1	1	41	11	58	28	10	☉ ☐ ♈			Δ			
28	20	40	5	5	1	18	11	22	29	44	♌ ☐ ♈						*
29	20	40	5	10	0	55	10	46	1	18	♌ ♌ ♌	*				Δ *	
30	20	40	5	14	0	32	10	10	2	52					♌		
31	20	41	5	18	0	9	9	33	4	27	☉ ☉ ♌		☐	♌		♌	☐



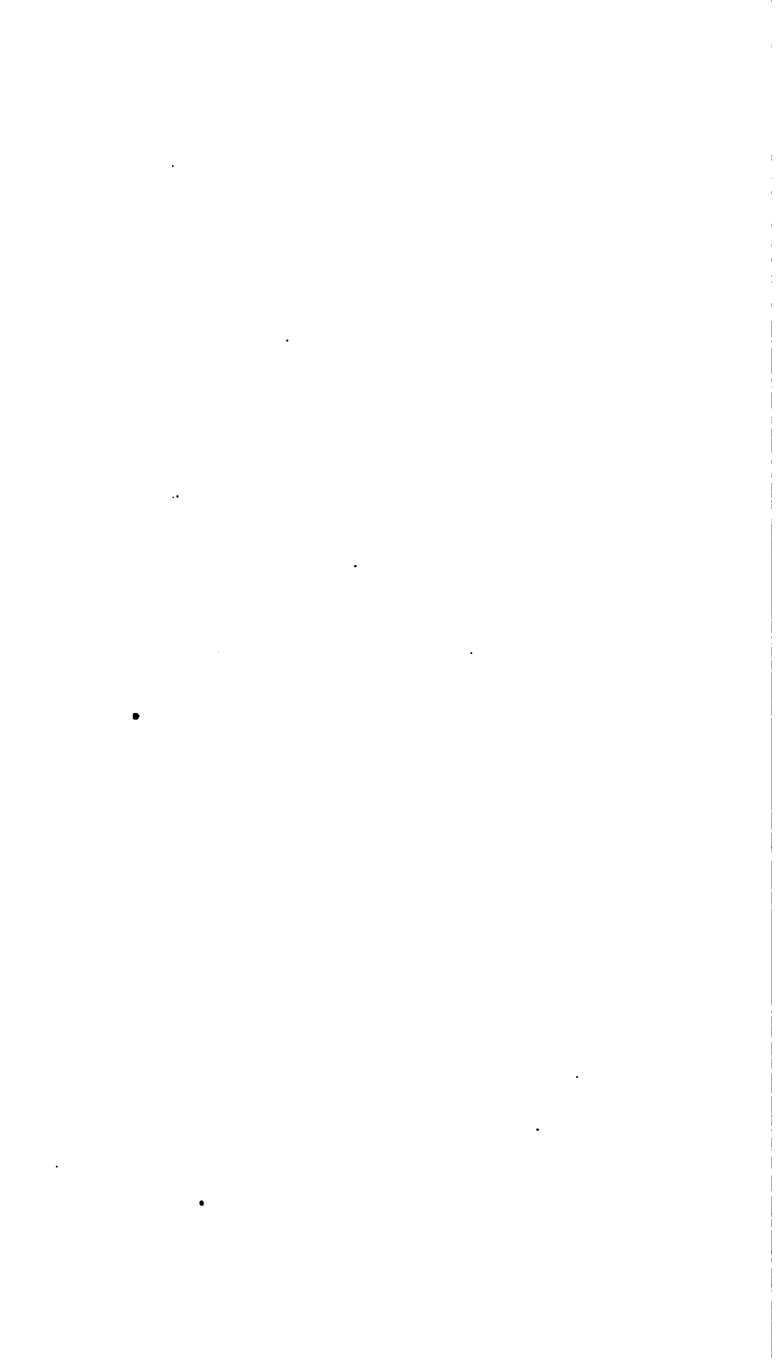
DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	2 N 29	25 N 31	2 S 42	25 S 15	1 N 56	15 S 46	6 × 52
4	2 37	25 43	2 11	24 43	1 37	17 7	6 42
7	2 46	25 55	1 50	24 12	1 15	18 28	6 33
10	2 25	26 6	1 15	23 37	0 53	19 45	6 23
13	3 1	26 18	0 41	23 3	0 31	20 57	6 14
16	3 8	26 27	0 N 0	22 10	0 9	22 0	6 4
19	3 15	26 37	0 43	21 50	0 S 12	22 55	5 55
22	3 20	26 46	1 30	21 3	0 33	23 40	5 45
25	3 25	26 52	2 16	20 34	0 52	24 14	5 36
28	3 29	26 59	3 52	19 55	1 9	24 37	5 26
31	3 32	27 1	3 24	19 22	1 25	24 48	5 17

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'	°	'	°	'	°	'	°
1	19 51	2 12	10 40	15 23	19 31	♋ * ♈							
2	19 54	2 20	10 26	15 44	20 49		☐					Δ *	
3	19 57	2 28	10 11	15 22	22 10	☉ * ♈							Δ
4	20 0	2 36	9 56	15 18	23 34		Δ	♈				☐	
5	20 3	2 44	9 40	15 38	24 58								☐
6	20 6	2 52	9 23	15 44	26 23							*	
7	20 9	3 0	9 5	15 54	27 49				Δ				Δ
8	20 12	3 7	8 47	15 02	29 16			Δ		Δ			♈
9	20 14	3 14	8 28	15 4	30 44		♈		☐				
10	20 17	3 21	8 9	15 4	32 12					☐	♈		
11	20 19	3 28	7 49	15 4	33 41	♋ * ♈		☐	*			♈	
12	20 21	3 35	7 28	15 4	35 10				*				
13	20 23	3 42	7 6	15 4	36 40	☉ ☐ ♈		*					Δ
14	20 25	3 48	6 43	15 2	38 10		Δ						
15	20 27	3 55	6 21	15 56	39 41	♋ * ♈					*		
16	20 28	4 1	5 58	15 42	41 12				♈			Δ	☐
17	20 30	4 8	5 36	15 27	42 43		☐						
18	20 32	4 14	5 13	15 7	44 14			♈		♈		☐	*
19	20 33	4 20	4 50	15 44	45 46		*					☐	
20	20 34	4 25	4 26	15 20	47 18	♈ ☐ ♈						Δ	
21	20 35	4 31	4 3	15 55	48 50				*			*	
22	20 36	4 36	3 39	15 29	50 23	♋ ☐ ♈			*		*		
23	20 37	4 42	3 15	15 2	51 56			*					
24	20 38	4 47	2 51	15 34	53 29		♈		☐		♈		♈
25	20 39	4 51	2 27	15 4	54 52	☉ ♈ ♈		☐		☐		♈	♈
26	20 39	4 56	2 4	15 32	56 26				Δ				
27	20 39	5 1	1 41	15 58	57 50	☉ ☐ ♈		Δ		Δ			
28	20 40	5 5	1 18	15 22	59 44	☉ ☐ ♈							*
29	20 40	5 10	0 55	15 46	61 18	♋ ♈ ♈	*				Δ	*	
30	20 40	5 14	0 32	15 10	62 52				♈			☐	☐
31	20 41	5 18	0 9	15 38	64 27	☉ ☉ ♋	☐	♈		♈		☐	☐









RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1803.

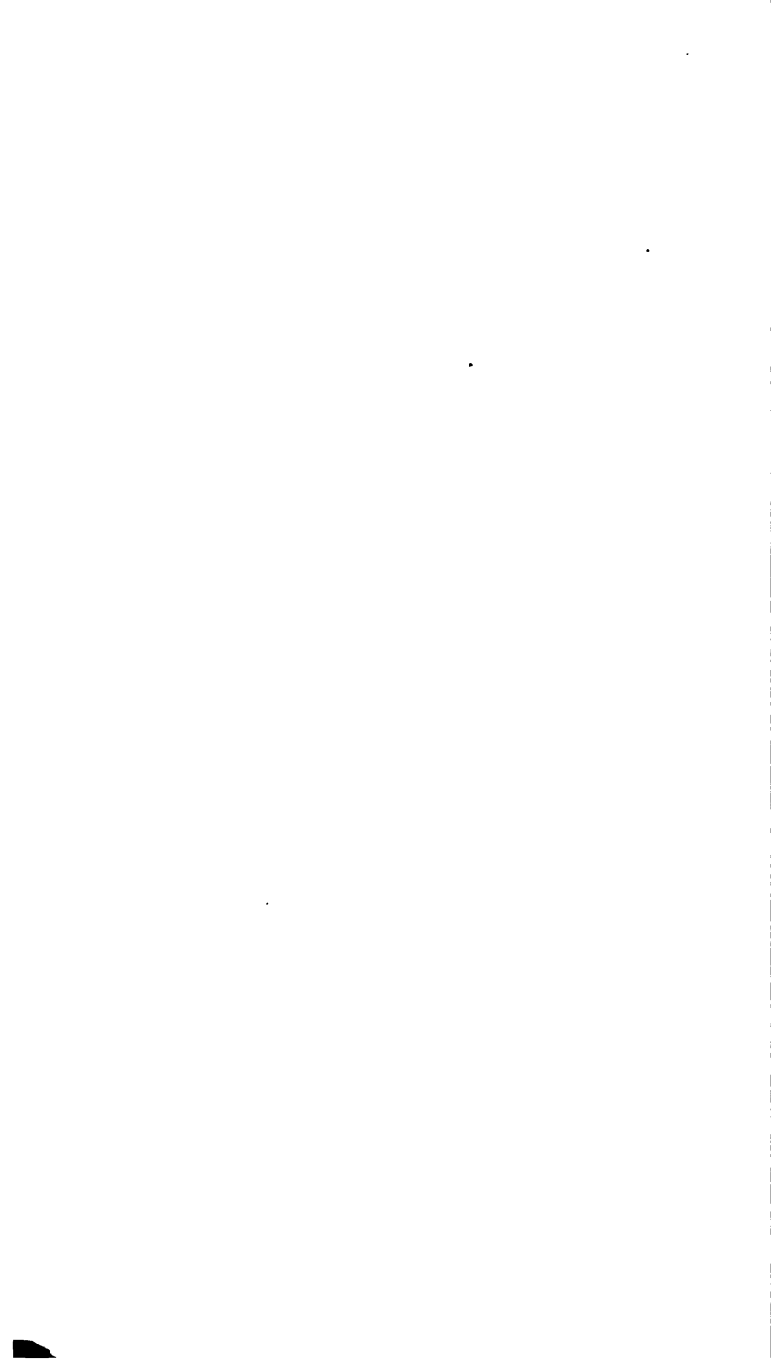
(*REVISED AND CORRECTED.*)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Hm.) 939 . . .



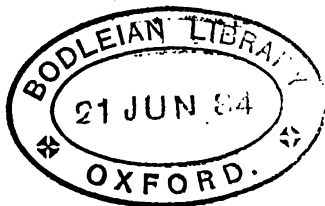
RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANET'S PLACES

For 1803.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 42	48 2	2 N 5	5 N 37	1 N 19	08 55
4	16	15	0 42	4 2	2 6	5 38	1 20	0 58
7	16	16	0 42	4 3	2 7	5 39	1 21	1 1
10	16	16	0 42	4 4	2 7	5 41	1 22	1 3
18	16	17	0 42	4 4	2 8	5 43	1 23	1 4
16	16	17	0 42	4 4	2 9	5 46	1 23	1 5
19	16	17	0 42	4 4	2 10	5 49	1 24	1 5
22	16	18	0 42	4 4	2 11	5 52	1 25	1 4
25	16	18	0 42	4 3	2 12	5 56	1 26	1 3
28	16	18	0 42	4 2	2 12	6 0	1 26	1 1
31	16	18	0 42	4 1	2 12	6 4	1 27	0 58

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	18 40 43	10 w 12 23	23 S 4	20 r 26	3 N 43	11 N 26	11 a 49
2	S	18 44 40	11 18 34	22 59	4 r 18	4 27	17 10	11 50
3	M	18 48 36	12 14 44	22 54	18 0	4 55	21 56	11 51
4	Tu	18 52 33	13 15 54	22 48	1 p 32	5 7	25 30	11 51
5	W	18 56 29	14 17 4	22 42	14 53	5 1	27 36	11 52
6	Th	19 0 26	15 18 13	22 35	28 2	4 40	28 7	11 52
7	F	19 4 22	16 19 21	22 28	10 s 57	4 5	27 4	11 53
8	S	19 8 19	17 20 30	22 20	23 38	3 17	24 38	11 53
9	S	19 12 16	18 21 38	22 12	6 s 4	2 21	21 3	11 54
10	M	19 16 12	19 22 46	22 4	18 17	1 19	16 37	11 54
11	Tu	19 20 9	20 23 54	21 55	0 w 18	0 15	11 36	11 55
12	W	19 24 5	21 25 1	21 46	12 11	08 50	6 14	11 55
13	Th	19 28 2	22 26 8	21 36	23 59	1 52	0 41	11 55
14	F	19 31 58	23 27 15	21 26	5 a 47	2 49	48 53	11 55
15	S	19 35 55	24 28 22	21 15	17 40	3 40	10 19	11 55
16	S	19 39 51	25 29 29	21 4	29 43	4 21	15 27	11 55
17	M	19 43 48	26 30 35	20 53	12 m 1	4 52	20 5	11 55
18	Tu	19 47 45	27 31 41	20 41	24 38	5 9	23 56	11 55
19	W	19 51 41	28 32 47	20 28	7 f 39	5 11	26 44	11 55
20	Th	19 55 38	29 33 52	20 16	21 6	4 57	28 6	11 55
21	F	19 59 34	0 m 34 57	20 3	4 w 57	4 25	27 47	11 55
22	S	20 3 31	1 36 1	19 50	19 13	3 36	25 39	11 54
23	S	20 7 27	2 37 4	19 36	8 m 46	2 32	21 47	11 54
24	M	20 11 24	3 38 6	19 22	18 31	1 17	16 30	11 53
25	Tu	20 15 20	4 39 8	19 7	8 x 20	0 N 4	10 14	11 53
26	W	20 19 17	5 40 8	18 52	18 6	1 24	3 25	11 52
27	Th	20 23 14	6 41 6	18 37	2 r 42	2 38	3 N 30	11 52
28	F	20 27 10	7 42 4	18 22	17 5	3 41	10 7	11 51
29	S	20 31 7	8 43 0	18 6	1 s 12	4 29	16 6	11 50
30	S	20 35 3	9 43 55	17 50	15 1	5 12	9 11	50
31	M	20 39 0	10 44 49	17 34	28 33	5 15	24 57	11 49

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	3 N 33	27 N 1	4 N 0	19 S 10	1 S 29	24 S 48	5 × 14
4	3 34	27 2	4 37	18 40	1 42	24 43	5 4
7	3 36	27 3	5 11	18 10	1 53	24 24	4 54
10	3 36	27 2	5 34	17 47	2 0	23 52	4 45
13	3 36	27 1	5 58	17 28	2 5	23 5	4 35
16	3 35	26 59	6 12	17 16	2 6	22 4	4 26
19	3 34	26 56	6 19	17 8	2 2	20 49	4 16
22	3 32	26 53	6 21	17 6	1 55	19 21	4 7
25	3 29	26 50	6 20	17 7	1 41	17 38	3 57
28	3 27	26 47	6 12	17 10	1 22	15 43	3 48
31	2 24	26 44	6 4	17 18	0 56	13 40	3 38

D M	h	♄	♅	♆	♇	Mutnal Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° ,	° ,	° ,	° ,	° ,							
1	20 41	5 22	29 46	8 57	6 3							
2	20 40	5 26	29 23	8 19	7 39	☿ ☉ ♀					*	Δ Δ
3	20 40	5 29	29 1	7 42	9 15	☉ ☉ ☿	Δ		Δ			
4	20 39	5 32	28 39	7 7	10 51	☿ ☉ ☿				Δ		
5	20 39	5 35	28 20	6 33	12 28			Δ	□			
6	20 38	5 38	28 2	6 0	14 5						♈	
7	20 38	5 41	27 45	5 29	16 42	☿ ☉ ♄	♈	□		□	♈	♈
8	20 37	5 43	27 26	4 59	17 20	☉ ☉ ☿		*	*			♈
9	20 36	5 45	27 8	4 31	18 59			*	*			
10	20 35	5 47	26 51	4 5	20 38	☿ Δ ♈						
11	20 34	5 49	26 35	3 41	22 17	☉ Δ ♈					*	Δ
12	20 33	5 51	26 20	3 19	23 57							
13	20 32	5 53	26 6	2 58	25 37		Δ	♈		♈	□	Δ
14	20 30	5 54	25 52	2 41	27 18			♈		♈	□	
15	20 29	5 55	25 39	2 26	28 59							
16	20 28	5 56	25 27	2 14	0 41		□				Δ *	□
17	20 26	5 57	25 15	2 4	2 23							
18	20 24	5 58	25 4	1 56	4 5		*	*	*			
19	20 22	5 58	24 54	1 50	5 48	☿ Δ ♄		*	*	♈		*
20	20 20	5 58	24 45	1 47	7 31			□				
21	20 18	5 58	24 37	1 47	9 15			□		□	♈	
22	20 16	5 58	24 29	1 49	10 59	☿ Δ ☿		♈	Δ			
23	20 14	5 58	24 22	1 54	12 43		♈		Δ	Δ		
24	20 11	5 58	24 16	2 1	14 26			Δ			Δ	♈
25	20 8	5 57	24 11	2 11	16 9						*	
26	20 6	5 56	24 7	2 22	17 52	☉ Δ ♄		♈		□		
27	20 3	5 55	24 4	2 35	19 34		*	♈	♈		□	
28	20 0	5 54	24 1	2 50	21 16			♈		*	*	*
29	19 57	5 52	23 59	3 7	22 56						Δ	
30	19 54	5 50	23 58	3 27	24 35	☿ Δ ☿	□		Δ			
31	19 51	5 48	23 58	3 50	26 13							□

4		RAPHAEL'S ASTRONOMICAL EPHEMERIS.								1803.
FEBRUARY XXVIII DAYS.										
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.			
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.		
	'	"	°	'	°	'	°	'		
1	16	15	0 N 43	48 1	2 N 13	6 N 5	1 N 23	08 57		
4	16	15	0 43	4 0	2 13	6 10	1 23	0 53		
7	16	14	0 43	3 59	2 14	6 15	1 29	0 49		
10	16	14	0 43	3 57	2 15	6 20	1 29	0 44		
13	16	13	0 43	3 55	2 16	6 25	1 30	0 39		
16	16	12	0 43	3 53	2 16	6 30	1 31	0 32		
19	16	11	0 43	3 51	2 16	6 36	1 31	0 26		
22	16	11	0 43	3 50	2 16	6 42	1 32	0 19		
25	16	10	0 43	3 48	2 17	6 47	1 32	0 12		
28	16	10	0 43	3 46	2 17	6 53	1 33	0 6		

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° '	° '	° '	° '	° '
1	Tu	20 42 56	11 m 45 40	17 8 17	11 14 49	5 N 11	27 N 23	11 49
2	W	20 46 53	12 46 31	17 0 24	11 24 49	4 52 28	14 11	11 48
3	Th	20 50 49	13 47 20	16 42 7	11 35 35	4 18 27	33 11	11 47
4	F	20 54 46	14 48 7	16 25 20	11 8 8	3 33 25	27 11	11 46
5	S	20 58 43	15 48 53	16 7 2	11 22 30	2 38 22	11 11	11 45
6	S	21 2 39	16 49 37	15 49 14	11 42 1	1 36 17	59 11	11 44
7	M	21 6 36	17 50 21	15 30 26	11 44 0	0 31 13	6 11	11 43
8	Tu	21 10 32	18 51 2	15 11 8	11 48 9	0 8 35	7 48	11 42
9	W	21 14 29	19 51 43	14 52 20	11 29 29	1 39 2	15 11	11 40
10	Th	21 18 25	20 52 23	14 33 2	11 17 2	2 39 38	20 11	11 39
11	F	21 22 22	21 53 1	14 14 14	11 6 3	3 32 8	49 11	11 37
12	S	21 26 18	22 53 38	13 54 25	11 59 4	4 16 14	1 11	11 36
13	S	21 30 15	23 54 14	13 34 8	11 1	4 50 18	45 11	11 34
14	M	21 34 12	24 54 48	14 14 20	11 16	5 11 22	49 11	11 33
15	Tu	21 38 8	25 55 22	12 54 2	11 49	5 18 25	56 11	11 31
16	W	21 42 5	26 55 54	12 33 15	11 44	5 9 27	50 11	11 29
17	Th	21 46 1	27 56 25	12 12 29	11 4	4 44 28	12 11	11 28
18	F	21 49 58	28 56 55	11 51 12	11 51	4 22 26	52 11	11 26
19	S	21 53 54	29 57 23	11 30 27	11 5	3 42 3	47 11	11 25
20	S	21 57 51	0 57 50	11 9 11	11 43	1 58 19	6 11	11 24
21	M	22 1 47	1 58 16	10 47 26	11 39	0 32 13	9 11	11 23
22	Tu	22 5 44	2 58 39	10 25 11	11 46	0 N 52	6 22	11 22
23	W	22 9 41	3 59 1	10 4 26	11 54	2 12 0	N 47	11 21
24	Th	22 13 37	4 59 21	9 42 11	11 54	3 23 7	49 11	11 20
25	F	22 17 34	5 59 38	9 19 26	11 39	4 18 14	18 11	11 18
26	S	22 21 30	6 59 54	8 57 11	11 2	4 56 19	50 11	11 15
27	S	22 25 27	8 0 8	8 35 25	11 1	5 15 24	9 11	11 12
28	M	22 29 23	9 0 20	8 12 8	11 36	5 16 26	59 11	11 9

1803.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

5

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	3 N 23	26 N 43	6 N 8	17 S 21	0 S 46	12 S 58	3 x 35
4	3 20	26 40	5 52	17 30	0 10	10 51	3 25
7	3 16	26 37	5 38	17 39	0 N 32	8 50	3 16
10	3 12	26 34	5 24	17 47	1 18	7 6	3 6
13	3 9	26 32	5 7	17 55	2 7	5 50	2 57
16	3 6	26 30	4 52	18 0	2 51	5 11	2 47
19	3 2	26 27	4 32	18 4	3 25	5 15	2 38
22	3 59	26 25	4 16	18 3	3 42	5 59	2 28
25	2 55	26 22	3 55	18 3	3 40	7 10	2 19
28	2 53	26 20	3 39	18 0	3 19	8 32	2 9

D M	h Long.	♈ Long.	♉ Long.	♊ Long.	♋ Long.	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♈	♉	♊	♋	♌	♍
1	19 m 48	5 46	23 58	4 w 13	27 m 48	☉ Δ ♈	Δ	Δ		Δ				
2	19 R 45	5 R 44	23 59	4 41	29 21				□		♌			Δ
3	19 41	5 41	24 1	5 8	0 x 50			□		□		♌		
4	19 38	5 38	24 4	5 37	2 14	♀ □ ♈			*					
5	19 34	5 36	24 7	6 7	3 34					*				
6	19 31	5 33	24 11	6 38	4 49		♌	*						
7	19 27	5 30	24 16	7 10	5 59							*		
8	19 24	5 27	24 21	7 45	7 2								Δ	♌
9	19 20	5 23	24 27	8 21	7 57				♌		□			
10	19 16	5 19	24 34	8 58	8 43				♌					
11	19 12	5 15	24 42	9 36	9 20			♌					Δ	□
12	19 8	5 11	24 50	10 16	9 48		Δ						Δ	
13	19 4	5 7	24 59	10 57	10 8	♀ □ ♈							*	Δ
14	19 0	5 3	25 8	11 39	10 R 17	☉ Δ ♌	□		*					
15	19 56	4 58	25 18	12 22	10 15				*					
16	18 51	4 53	25 28	13 6	10 1			*	□					□
17	18 47	4 48	25 39	13 51	9 38		*			□		♌		
18	18 43	4 43	25 51	14 37	9 6			□	Δ			♌	*	
19	18 38	4 38	26 3	15 24	8 26					Δ				
20	18 34	4 33	26 16	16 12	7 38			Δ						
21	18 29	4 28	26 29	17 1	6 44		♌					Δ		
22	18 25	4 22	26 43	17 51	5 43				♌				*	♌
23	18 20	4 16	26 57	18 41	4 40	☉ ♌ ♌						□		
24	18 16	4 10	27 11	19 32	3 36	♀ Δ ♈		♌		♌			*	
25	18 11	4 4	27 26	20 23	2 32							*	□	*
26	19 7	3 58	27 41	21 15	1 29		*		Δ					
27	19 2	3 52	27 57	22 8	0 29								Δ	□
28	17 57	3 46	28 14	23 2	29 m 32		□	Δ		Δ				

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 43	3 S 44	2 N 18	6 N 55	1 N 34	0 S 1
4	16	9	0 43	3 41	2 18	7 1	1 34	0 N 8
7	16	8	0 43	3 38	2 18	7 6	1 35	0 16
10	16	8	0 43	3 35	2 18	7 12	1 35	0 25
13	16	7	0 44	3 32	2 19	7 18	1 35	0 34
16	16	6	0 44	3 30	2 19	7 24	1 35	0 43
19	16	5	0 44	3 27	2 19	7 29	1 36	0 53
22	16	4	0 44	3 25	2 19	7 34	1 36	1 2
25	16	3	0 44	3 23	2 19	7 39	1 36	1 12
28	16	3	0 44	3 19	2 19	7 44	1 36	1 22
31	16	2	0 44	3 16	2 19	7 49	1 36	1 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	22 33 20	10 40 29	7 S 49	21 11 47	5 N 0	28 N 12	11 46
2	W	22 37 16	11 0 36	7 27	4 38	4 29	27 52	11 4
3	Th	22 41 13	12 0 41	7 4	17 11	3 46	26 6	11 1
4	F	22 45 10	13 0 44	6 41	29 29	2 53	23 6	10 58
5	S	22 49 2	14 0 45	6 18	11 36	1 53	19 9	10 56
6	S	22 53 3	15 0 43	5 55	23 35	0 49	14 27	10 54
7	M	22 56 59	16 0 40	5 31	5 28	0 S 17	9 16	10 51
8	Tu	23 0 56	17 0 34	5 8	17 18	1 21	3 47	10 49
9	W	23 4 52	18 0 26	4 45	29 6	2 22	1 S 49	10 47
10	Th	23 8 49	19 0 17	4 21	10 55	3 17	7 21	10 45
11	F	23 12 45	20 0 0	3 58	22 47	4 4	12 38	10 43
12	S	23 16 42	20 59 53	3 34	4 45	4 40	17 30	10 40
13	S	23 20 39	21 59 38	3 11	16 51	5 4	421 45	10 38
14	M	23 24 35	22 59 22	2 47	29 8	5 15	25 6	10 36
15	Tu	23 28 32	23 59 4	2 23	11 39	5 11	27 21	10 33
16	W	23 32 28	24 58 45	2 0	24 29	4 52	28 1	10 31
17	Th	23 36 25	25 58 23	1 36	7 41	4 17	27 31	10 29
18	F	23 40 21	26 58 0	1 12	21 17	3 27	25 11	10 27
19	S	23 44 18	27 57 36	0 49	5 19	2 23	21 16	10 24
20	S	23 48 14	28 57 9	0 25	19 46	1 8	15 50	10 21
21	M	23 52 11	29 56 41	0 1	4 36	0 N 13	9 38	10 19
22	Tu	23 56 7	0 56 11	0 N 22	19 42	1 34	2 38	10 16
23	W	0 0 4	1 55 38	0 46	4 57	2 50	4 N 34	10 14
24	Th	0 4 1	2 55 4	1 10	20 9	3 53	11 20	10 12
25	F	0 7 57	3 54 28	1 33	5 8 9	4 39	17 38	10 9
26	S	0 11 54	4 53 49	1 57	19 48	5 6	22 36	10 7
27	S	0 15 50	5 53 8	2 20	4 1	5 12	26 5	10 4
28	M	0 19 47	6 52 25	2 44	17 45	5 1	27 54	10 2
29	Tu	0 23 43	7 51 39	3 7	1 2	4 33	28 1	9 59
30	W	0 27 40	8 50 51	3 31	13 52	3 53	26 36	9 56
31	Th	0 31 36	9 50 1	3 54	26 22	3 2	23 53	9 53

MARCH XXXI DAYS.

D M.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	2 N 51	26 N 18	3 N 30	17 S 54	3 N 9	9 S 0	2 × 6
4	2 48	26 15	3 15	17 42	2 32	10 14	1 57
7	2 44	26 12	2 52	17 28	1 51	11 13	1 47
10	2 41	26 8	2 34	17 14	1 8	11 53	1 38
13	2 37	26 4	2 15	16 45	0 28	12 13	1 28
16	2 34	26 0	1 58	16 17	0 S 10	12 15	1 19
19	2 31	25 54	1 39	15 46	0 43	12 0	1 9
22	2 28	25 48	1 24	15 8	1 12	11 28	0 50
25	2 25	25 41	1 4	14 29	1 36	10 42	0 40
28	2 23	25 33	0 51	13 39	1 56	9 42	0 31
31	2 19	25 25	0 34	12 47	2 11	8 28	0 21

	h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	♈	♉	♊	♋	♌	♍
17	52	3	39	28	31	23	56	28	40	♂ Δ ♂				
17	54	3	38	28	49	24	51	27	50					
17	42	3	26	29	8	25	46	27	11					
17	88	3	19	29	26	26	42	26	42					
17	33	3	12	29	45	27	88	26	19					
17	28	3	5	0	25	2	28	85	26	0				
17	24	2	58	0	22	29	32	25	44					
17	19	2	51	0	41	0	30	25	D36	☉ ♂ ♈				
17	15	2	44	1	1	1	29	25	86					
17	10	2	36	1	21	2	28	26	45	♀ Δ ♈				
17	5	2	29	1	42	3	27	25	59					
17	0	2	22	2	3	4	26	26	17	♂ ☐ ♈				
16	55	2	14	2	25	5	25	26	38					
16	50	2	7	2	47	6	25	27	4					
16	45	1	59	3	9	7	26	27	36					
16	41	1	52	3	32	8	27	28	14					
16	36	1	44	3	54	9	28	28	56					
16	31	1	36	4	17	10	30	29	41	♀ Δ ☽				
16	27	1	28	4	40	11	32	0	28					
16	22	1	21	5	4	12	34	1	19					
16	18	1	13	5	28	13	37	2	13					
16	13	1	5	5	52	14	40	3	11	☉ ♂ ♈				
16	9	0	57	6	16	15	43	4	12					
16	5	0	49	6	40	16	46	5	15					
16	0	0	41	7	5	17	50	6	19					
16	56	0	34	7	30	18	54	7	26	♀ Δ ♂				
16	51	0	26	7	56	19	59	8	36					
15	47	0	19	8	21	21	3	9	48					
15	42	0	11	8	47	22	7	11	2					
15	36	0	4	9	13	23	12	12	18	☉ ☐ ♂				
15	34	29	56	9	39	24	16	13	37	☉ ♂ ☽				

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 44	3 S 14	2 N 18	7 N 51	1 N 36	1 N 33
4	16	0	0 44	3 11	2 18	7 55	1 36	1 42
7	15	59	0 44	3 8	2 18	7 59	1 35	1 50
10	15	58	0 44	3 4	2 18	8 8	1 35	1 58
13	15	58	0 44	3 2	2 17	8 7	1 35	2 6
16	15	57	0 44	3 0	2 17	8 10	1 35	2 14
19	15	56	0 43	2 57	2 17	8 13	1 34	2 20
22	15	56	0 43	2 54	2 17	8 16	1 34	2 26
25	15	55	0 43	2 51	2 16	8 18	1 33	2 32
28	15	54	0 43	2 48	2 16	8 20	1 33	2 37

D	D	Sidereal	☉			☿			♂			♂			♂					
M	W	Time.	Long.			Declin			Long.			Lat.			Declin			Long.		
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	F	0 35 33	10	49	8	4	N	17	8	34	2	N	4	20	N	8				9 50
2	S	0 39 30	11	48	12	4		40	20	34	1		2	15		38				9 48
3	S	0 43 26	12	47	15	5		3	2	28	0	S	8	10		35				9 45
4	M	0 47 23	13	46	15	5		26	14	14	1		6	5		11				9 42
5	Tu	0 51 19	14	45	13	5		49	26	1	2		7	0	S	21				9 40
6	W	0 55 16	15	44	9	6		12	7	50	3		2	5		54				9 37
7	Th	0 59 12	16	43	2	6		35	19	44	3		50	11		16				9 34
8	F	1 3 9	17	41	54	6		57	1	43	4		27	16		15				9 32
9	S	1 7 5	18	40	44	7		20	13	50	4		53	20		40				9 29
10	S	1 11 2	19	39	32	7		42	26	5	5		6	24		15				9 26
11	M	1 14 59	20	38	18	8		4	8	31	5		5	26		46				9 24
12	Tu	1 18 55	21	37	3	8		26	21	9	4		49	27		58				9 22
13	W	1 22 52	22	35	46	8		48	4	1	4		18	27		42				9 20
14	Th	1 26 48	23	34	27	9		10	17	10	3		33	25		53				9 18
15	F	1 30 45	24	33	7	9		31	0	39	2		35	22		34				9 15
16	S	1 34 41	25	31	45	9		53	14	29	1		27	17		54				9 13
17	S	1 38 38	26	30	22	10		14	28	41	0		12	12		8				9 10
18	M	1 42 34	27	28	57	10		35	13	14	1	N	6	5		35				9 7
19	Tu	1 46 31	28	27	30	10		56	28	5	2		20	1	N	23				9 5
20	W	1 50 28	29	26	1	11		17	13	8	3		26	8		21				9 3
21	Th	1 54 24	0	24	31	11		38	28	15	4		18	14		52				9 0
22	F	1 58 21	1	22	59	11		58	13	14	4		51	20		27				8 57
23	S	2 2 17	2	21	25	12		18	27	57	5		4	24		40				8 55
24	S	2 6 14	3	19	49	12		36	12	16	4		58	27		13				8 53
25	M	2 10 10	4	18	11	12		58	26	8	4		34	27		58				8 50
26	Tu	2 14 7	5	16	31	13		18	9	50	3		56	27		3				8 48
27	W	2 18 3	6	14	48	13		37	22	26	3		6	24		40				8 46
28	Th	2 22 0	7	13	4	13		56	4	57	2		9	21		8				8 43
29	F	2 25 56	8	11	18	14		15	17	10	1		8	16		48				8 41
30	S	2 29 53	9	9	29	14		34	29	9	0		4	11		51				8 39

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 43	2 S 46	2 N 15	8 N 22	1 N 32	2 N 41
4	15	54	0 43	2 43	2 15	8 23	1 32	2 45
7	15	53	0 43	2 40	2 14	8 24	1 31	2 49
10	15	52	0 43	2 38	2 14	8 24	1 30	2 51
13	15	51	0 43	2 36	2 13	8 24	1 29	2 53
16	15	51	0 43	2 35	2 13	8 24	1 29	2 54
19	15	50	0 43	2 34	2 12	8 24	1 28	2 56
22	15	50	0 43	2 33	2 12	8 22	1 28	2 56
25	15	49	0 43	2 32	2 11	8 21	1 27	2 55
28	15	49	0 43	2 30	2 11	8 19	1 27	2 54
31	15	48	0 43	2 29	2 10	8 17	1 26	2 52

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	S	2 33 50	10 8	7 39	14 N 52	11 0	0 S 58	6 N 33
2	M	2 37 46	11	5 46	15 10 22	47	1 58	1 3
3	Tu	2 41 43	12	3 51	15 28 4	35	2 53	4 S 28
4	W	2 45 39	13	1 55	15 46 16	28	3 40	9 52
5	Th	2 49 36	13	59 57	16 3 28	28	4 18	14 58
6	F	2 53 32	14	57 57	16 21 10	37	4 45	19 32
7	S	2 57 29	15	55 55	16 38 22	56	4 59	23 21
8	S	3 1 26	16	53 52	16 54 5	27	4 59	26 8
9	M	3 5 22	17	51 48	17 10 18	8	4 44	27 39
10	Tu	3 9 19	18	49 42	17 27 1	1	4 15	27 42
11	W	3 13 15	19	47 35	17 42 14	5	3 31	26 13
12	Th	3 17 12	20	45 27	17 58 27	23	2 36	23 16
13	F	3 21 8	21	43 18	18 13 10	54	1 31	18 59
14	S	3 25 5	22	41 7	18 28 24	39	0 20	13 37
15	S	3 29 1	23	38 56	18 42 8	41	0 N 54	7 29
16	M	3 32 58	24	36 43	18 57 22	59	2 6	0 51
17	Tu	3 36 55	25	34 29	19 11 7	30	3 11	5 N 54
18	W	3 40 51	26	32 15	19 24 22	12	4 4	12 26
19	Th	3 44 48	27	29 59	19 37 6	58	4 41	18 16
20	F	3 48 44	28	27 42	19 50 21	40	4 59	23 1
21	S	3 52 41	29	25 24	20 3 6	12	4 57	26 15
22	S	3 56 37	0	23 4	20 15 20	24	4 37	27 44
23	M	4 0 34	1	20 43	20 27 4	51	4 1	27 25
24	Tu	4 4 30	2	18 21	20 39 17	34	3 13	25 30
25	W	4 8 27	3	15 57	20 50 0	31	2 16	22 16
26	Th	4 12 24	4	13 32	21 1 13	5	1 14	18 5
27	F	4 16 20	5	11 5	21 11 25	19	0 9	13 14
28	S	4 20 17	6	8 38	21 21 7	20	0 S 54	7 59
29	S	4 24 13	7	6 8	21 31 19	13	1 55	2 31
30	M	4 28 10	8	3 38	21 41 1	2	2 50	3 S 0
31	Tu	4 32 6	9	1 6	21 50 12	53	3 38	8 26

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 51	23 N 8	1 S 27	1 S 42	0 S 29	13 N 37	28 ^m 52
4	1 48	22 43	1 33	0 25	0 N 2	16 7	28 42
7	1 46	22 22	1 40	0 N 52	0 34	18 28	28 38
10	1 44	22 0	1 44	2 11	1 4	20 33	28 23
13	1 42	21 38	1 49	3 27	1 31	22 19	28 14
16	1 40	21 12	1 53	4 45	1 52	23 42	28 4
19	1 37	20 49	1 55	6 3	2 7	24 42	27 55
22	1 35	20 23	1 56	7 22	2 15	25 19	27 45
25	1 33	19 55	1 57	8 36	2 15	26 36	27 36
28	1 31	19 26	1 57	9 52	2 9	26 36	27 26
31	1 29	18 56	1 57	11 5	1 54	25 21	27 17

D M	h	♂	♀	♂	♀	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
1	14 ^m 2	26 ^m 47	24 ^m 25	36 ^m 29	4 7	♂ 37	Δ		♂			Δ
2	14 ^m 0	26 ^m 43	25 7	0 ^m 13	9 45			♂				
3	13 59	26 40	25 38	1 22	11 54	☉ ♂ ♀		♂			♂	
4	13 57	26 36	26 10	2 32	14 4	♂ Δ ♀						♂
5	13 56	26 33	26 41	3 41	16 14	☉ Δ ♀					□	
6	13 55	26 29	27 12	4 50	18 25	♂ * ♀	♂		*			
7	13 54	26 26	27 44	6 0	20 35			*		*	Δ	♂
8	13 53	26 23	28 16	7 9	22 44			*			Δ	
9	13 52	26 21	28 48	8 19	24 53	♂ Δ ♀			□			
10	13 52	26 18	29 20	9 29	27 1	♀ ♂ ♀				□		
11	13 51	26 16	29 53	10 38	29 8	♀ * ♂	Δ	□	Δ		♂	□
12	13 51	26 13	0 ^m 24	11 48	1 ^m 13				Δ		♂	Δ
13	13 51	26 11	0 56	12 58	3 16		□	Δ			*	
14	13 51	26 9	1 28	14 8	5 17		□					□
15	13 51	26 8	2 11	15 18	7 15				♂			□
16	13 D 51	26 6	2 33	16 28	9 11	♀ Δ ♀	*			♂		
17	13 51	26 5	3 6	17 38	11 5			♂			Δ	*
18	13 51	26 4	3 38	18 48	12 56	☉ Δ ♀					♂	
19	13 51	26 3	4 11	19 59	14 45	♀ ☉ ♀			Δ		□	
20	13 51	26 2	4 44	21 9	16 31		♂			Δ		
21	13 52	26 1	5 17	22 19	18 13			Δ			*	♂
22	13 52	26 1	5 51	23 30	19 52				□	□	*	
23	13 53	26 D 1	6 24	24 40	21 28			□				
24	13 53	26 1	6 57	25 50	23 1				*			
25	13 54	26 1	7 31	27 1	24 31		*		*		□	
26	13 55	26 1	8 42	28 11	25 58	♀ ☉ ♀		*			♂	
27	13 56	26 2	8 37	29 22	27 21						Δ	*
28	13 57	26 2	9 11	0 ^m 32	28 41	♂ * ♀	□					
29	13 58	26 3	9 44	1 43	29 58				♂			
30	13 59	26 4	10 17	2 54	1 ^m 11	☉ Δ ♀	Δ	♂		♂		□
31	14 0	26 5	10 51	4 5	2 21		Δ	♂		*		

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 42	2 S 28	2 N 10	8 N 17	1 N 25	2 N 51
4	15	48	0 42	2 28	2 10	8 14	1 24	2 49
7	15	47	0 42	2 27	2 9	8 11	1 23	2 44
10	15	47	0 42	2 27	2 8	8 8	1 23	2 40
13	15	46	0 42	2 27	2 7	8 5	1 22	2 35
16	15	46	0 42	2 27	2 7	8 1	1 22	2 30
19	15	46	0 42	2 27	2 7	7 57	1 21	2 25
22	15	46	0 41	2 27	2 7	7 52	1 20	2 19
25	15	46	0 41	2 28	2 6	7 48	1 19	2 12
28	15	45	0 41	2 29	2 6	7 42	1 19	2 4

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "
1	W	4 36 3	9 11 58 32	21 N 58	24 45 50	4 S 18	18 S 36	7 45 51
2	Th	4 39 59	10 55 58 22	6 6 m 57	4 44 18	19	7 45 50	7 45 50
3	F	4 43 56	11 53 22 22	14 19 16	4 59 22	21	7 49	7 49
4	S	4 47 53	12 50 45 22	22 1 f 49	5 0 25	27	7 49	7 49
5	S	4 51 49	13 48 8 22	29 14 36	4 46 27	19	7 48	7 48
6	M	4 55 46	14 45 29 22	36 27 37	4 17 27	44	7 48	7 48
7	Tu	4 59 42	15 42 50 22	42 10 w 50	3 34 26	35	7 48	7 48
8	W	5 3 39	16 40 10 22	48 24 16	2 39 23	53	7 47	7 47
9	Th	5 7 35	17 37 30 22	53 7 m 50	1 33 19	50	7 47	7 47
10	F	5 11 32	18 34 50 22	58 21 35	0 21 14	40	7 47	7 47
11	S	5 15 28	19 32 8 23	3 5 x 28	0 N 52	8 42	7 47	7 47
12	S	5 19 25	20 29 27 23	7 19 30	2 4 2 16	7 46	7 46	7 46
13	M	5 23 22	21 26 46 23	11 3 r 40	3 8 4 N 20	7 46	7 46	7 46
14	Tu	5 27 18	22 24 4 23	15 17 56	4 2 10 46	7 46	7 46	7 46
15	W	5 31 15	23 21 22 23	18 2 s 17	4 40 16 39	7 46	7 46	7 46
16	Th	5 35 11	24 18 39 23	21 16 38	5 1 21 38	7 D 46	7 46	7 46
17	F	5 39 8	25 15 57 23	23 0 11 55	5 3 25 18	7 46	7 46	7 46
18	S	5 43 4 26	13 14 23	25 15 2	4 46 27 22	7 46	7 46	7 46
19	S	5 47 1 127	10 80 23	26 28 54	4 13 27 41	7 46	7 46	7 46
20	M	5 50 58	28 7 47 23	27 12 s 28	3 26 26 18	7 47	7 47	7 47
21	Tu	5 54 54	29 5 3 23	28 25 40	2 29 23 28	7 47	7 47	7 47
22	W	5 58 51	0 s 2 18 23	28 8 Ω 31	1 25 19 32	7 48	7 48	7 48
23	Th	6 2 47	0 59 33 23	28 21 2	0 19 14 48	7 48	7 48	7 48
24	F	6 6 44	1 56 47 23	27 3 m 17	0 S 47 9 36	7 49	7 49	7 49
25	S	6 10 40	2 54 0 23	26 15 18	1 49 4 7	7 49	7 49	7 49
26	S	6 14 37	3 51 14 23	25 27 12	2 46 18 26	7 50	7 50	7 50
27	M	6 18 33	4 48 26 23	23 9 2	3 36 6 54	7 50	7 50	7 50
28	Tu	6 22 30	5 45 38 23	20 20 55	4 17 12 8	7 51	7 51	7 51
29	W	6 26 27	6 42 50 23	18 2 m 55	4 47 16 59	7 51	7 51	7 51
30	Th	6 30 23	7 40 1 23	15 15 6	5 4 21 14	7 52	7 52	7 52

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 28	18 N 47	1 S 56	11 N 28	1 N 48	25 N 18	27 m 14
4	1 26	18 16	1 54	12 38	1 24	24 43	27 4
7	1 24	17 44	1 52	13 47	0 53	24 4	26 55
10	1 22	17 11	1 49	14 51	0 16	23 19	26 45
13	1 20	16 38	1 45	15 56	0 S 27	22 30	26 36
16	1 18	16 3	1 40	16 53	1 14	21 41	26 26
19	1 16	15 28	1 36	17 53	2 3	20 53	26 17
22	1 14	14 52	1 31	18 43	2 52	20 8	26 7
25	1 12	14 14	1 24	19 33	3 37	19 30	25 58
28	1 10	13 35	1 18	20 14	4 13	19 1	25 48

D M	h Long.	♂ Long.	♂ Long.	♀ Long.	♀ Long.	Mutual Aspts.	Lunar Aspects.					
							☉	☿	♂	♀	♂	♀
1	14 m	2 26 m	7 11 Q 25	5 8 16	3 23 27							
2	14	3 26	9 11 59	6 27 4	32					☐	♂	Δ
3	14	5 26	11 12 33	7 38 5	31			*				
4	14	7 26	13 13 7	8 49 6	25	☉ ☐ ♀	*		*			
5	14	9 26	15 13 41	10 0 7	16	☉ * ♂	♂		☐		Δ	
6	14	11 26	17 14 15	11 11 8	4	♀ ☐ ☿				☐		
7	14	13 26	20 14 50	12 22 8	49			☐	Δ			Δ ♂
8	14	15 26	23 15 24	13 33 9	30					Δ		
9	14	17 26	26 15 58	14 44 10	6	♀ Δ ♀		Δ				
10	14	20 26	29 16 33	15 55 10	56		Δ				♂	☐
11	14	22 26	32 17 7	17 6 11	2	♀ ☐ ♂						Δ
12	14	25 26	35 17 41	18 17 11	25		☐	♂	♂	♂	*	
13	14	28 26	38 18 16	19 29 11	44		*					
14	14	31 26	42 18 50	20 40 11	58					Δ		☐
15	14	34 26	46 19 25	21 52 12	7							
16	14	37 26	50 20 0	23 4 12	12				Δ		☐	*
17	14	40 26	54 20 35	24 15 12	12			Δ		Δ	♂	
18	14	43 26	58 21 10	25 27 12	8	♀ Δ ♀	♂		☐		*	
19	14	46 27	2 21 45	26 39 11	59	☉ ☐ ♀	♂		☐			♂
20	14	49 27	7 22 20	27 50 11	46		*		*			
21	14	53 27	12 22 55	29 2 11	29				*		*	
22	14	56 27	17 23 30	0 14 11	8			*				
23	15	0 27	22 24 5	1 25 10	44						♂	
24	15	4 27	27 24 40	2 87 10	7		*		♂		☐	
25	15	8 27	32 25 16	3 49 9	46				♂			*
26	15	12 27	37 25 51	5 0 9	13					♂		
27	15	16 27	43 26 27	6 12 8	39	♂ ☐ ☿	☐	♂				Δ ☐
28	15	20 27	49 27 2	7 24 8	3	♀ Δ ☿					*	
29	15	24 27	55 27 38	8 36 7	26	☉ ♂ ♀	Δ			*		Δ
30	15	28 28	1 28 13	9 48 6	51	☉ ☐ ☿			*			

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 41	2 S 30	2 N 5	7 N 37	1 N 18	1 N 56
4	15	45	0 41	2 32	2 5	7 31	1 18	1 48
7	15	45	0 41	2 34	2 4	7 26	1 17	1 39
10	15	46	0 41	2 35	2 4	7 19	1 16	1 30
13	15	46	0 40	2 36	2 3	7 13	1 15	1 20
16	15	46	0 40	2 37	2 3	7 7	1 15	1 10
19	15	46	0 40	2 39	2 2	7 0	1 14	1 0
22	15	46	0 40	2 41	2 2	6 53	1 14	0 49
25	15	47	0 40	2 43	2 2	6 46	1 13	0 37
28	15	47	0 40	2 46	2 2	6 40	1 13	0 26
31	15	47	0 40	2 49	2 2	6 31	1 12	0 14

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	6 34 20	8 ⁵⁵ 37 12	23 N 11	27 ^m 33	5 S 8	24 S 38	7 [△] 52
2	S	6 38 16	9 34 23	23	7 10 ^f 16	4 57	26 54	7 53
3	S	6 42 13	10 31 33	23	3 23 17	4 30	27 47	7 54
4	M	6 46 9	11 28 43	22	58 6 ^w 36	3 48	27 6	7 55
5	Tu	6 50 6	12 25 54	22	53 20 12	2 52	24 47	7 56
6	W	6 54 2	13 23 4	22	48 4 ^m 1	1 46	20 59	7 57
7	Th	6 57 59	14 20 15	22	42 18 1	0 32	15 57	7 58
8	F	7 1 56	15 17 26	22	35 2 ^x 8	0 N 45	10 2	7 59
9	S	7 5 52	16 14 38	22	29 16 19	1 59	3 34	8 0
10	S	7 9 49	17 11 50	22	21 0 ^r 32	3 7	3 N 4	8 1
11	M	7 13 45	18 9 3	22	14 14 45	4 2	9 32	8 3
12	Tu	7 17 42	19 6 16	22	6 28 55	4 43	15 31	8 4
13	W	7 21 38	20 3 30	21	58 13 ⁸ 2	5 6	20 38	8 6
14	Th	7 25 35	21 0 45	21	49 27 2	5 12	24 34	8 7
15	F	7 29 31	21 58 0	21	40 10 ^Π 53	4 58	27 1	8 8
16	S	7 33 28	22 55 16	21	31 24 33	4 28	27 49	8 10
17	S	7 37 25	23 52 33	21	21 7 ⁵⁵ 59	3 44	26 57	8 11
18	M	7 41 21	24 49 50	21	11 21 11	2 48	24 34	8 13
19	Tu	7 45 18	25 47 8	21	1 4 ^Ω 6	1 44	20 57	8 15
20	W	7 49 14	26 44 26	20	50 16 ⁴⁴ 0	0 37	16 25	8 17
21	Th	7 53 11	27 41 45	20	39 29 8	0 S 31	11 18	8 19
22	F	7 57 7	28 39 4	20	27 11 ^w 17	1 37	5 51	8 21
23	S	8 1 4	29 36 24	20	15 23 17	2 37	0 16	8 23
24	S	8 5 0	0 ^Ω 33 44	20	3 5 [△] 10	3 30	5 S 16	8 25
25	M	8 8 57	1 31 4	19	51 17 0	4 14	10 35	8 27
26	Tu	8 12 54	2 28 25	19	38 28 53	4 47	15 33	8 29
27	W	8 16 50	3 25 46	19	25 10 ^m 53	5 8	19 59	8 31
28	Th	8 20 47	4 23 7	19	11 23 5	5 16	23 39	8 33
29	F	8 24 43	5 20 29	18	57 5 ^f 33	5 9	26 19	8 36
30	S	8 28 40	6 17 52	18	43 18 20	4 47	27 43	8 38
31	S	8 32 36	7 15 15	18	29 1 ^w 28	4 9	27 37	8 40

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 8	12 N 57	1 8 11	20 N 57	4 8 37	18 N 43	25 m 38
4	1 6	12 17	1 4	21 23	4 47	18 36	25 28
7	1 4	11 37	0 57	22 0	4 44	18 42	25 19
10	1 2	10 56	0 50	22 20	4 28	18 59	25 9
13	1 0	10 15	0 42	22 42	4 1	19 25	25 0
16	0 58	9 32	0 35	22 53	3 26	19 58	24 50
19	0 56	8 49	0 26	23 1	2 46	20 34	24 41
22	0 54	8 5	0 18	23 0	2 3	21 8	24 31
25	0 52	7 21	0 10	22 56	1 19	21 36	24 22
28	0 50	6 37	0 2	22 41	0 36	21 52	24 12
31	0 48	5 45	0 N 6	22 21	0 N 3	21 51	24 3

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
1	15 m 33	28 m 7	28 Q 49	11 P 0	6 5 15				*	□		♂
2	15 37 28	13 29	25 12	12 5 B 40			*	□				♂
3	15 42 28	20 0 m	1 13	24 5 8		♂	□			□		♂
4	15 46 28	27 0	37 14	36 4 38		♂	□			Δ		♂
5	15 51 28	34 1	13 15	48 4 2	♀ □ ♀			Δ				
6	15 56 28	41 1	49 17	0 3 48			Δ		Δ			
7	16 0 28	48 2	25 18	13 3 28							Δ	
8	16 5 28	55 3	1 19	25 3 12	♂ * ♂	Δ			♂			Δ
9	16 10 29	2 3	37 20	37 3 1	☉ * ♀	Δ		♂			□	
10	16 15 29	9 4	13 21	50 2 56				♂				□
11	16 20 29	16 4	49 23	2 2 D 56		□	♂					
12	16 25 29	24 5	25 24	14 3 0						Δ	*	*
13	16 30 29	32 6	2 25	27 3 5				Δ				
14	16 35 29	40 6	38 26	39 3 23		*		Δ		□		
15	16 40 29	48 7	15 27	52 3 43			Δ	□		□		
16	16 46 29	56 7	51 29	5 4 10					□		♂	
17	16 51 0	4 8	28 0 5 17	4 42	♀ □ ♀	♂	□		*		*	♂
18	16 56 0	12 9	4 1	30 5 19			*		*			
19	17 2 0	21 9	41 2	43 6 2			*		*			
20	17 7 0	30 10	17 3	55 6 50								
21	17 13 0	39 10	54 5	8 7 43	♀ □ ♀							
22	17 19 0	48 11	31 6	21 8 42				♂		♂	*	*
23	17 25 0	57 12	8 7	33 9 47	♀ □ ♀							
24	17 31 1	6 12	45 8	46 10 56		*	♂		♂		□	
25	17 37 1	15 13	22 9	59 12 10	☉ * ♀							□
26	17 43 1	24 13	69 11	12 13 29		□						
27	17 49 1	34 14	36 12	25 14 53							*	Δ
28	17 55 1	43 15	13 13	38 16 21				*				
29	18 1 1	53 15	50 14	51 17 55	♂ * ♀	Δ	*		*			
30	18 7 2	2 16	27 16	4 19 32				□		□		
31	18 13 2	12 17	4 17	17 21 12	♀ * ♂		□		□			

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 40	2 S 51	2 N 1	6 N 29	1 N 12	0 N 10
4	15	47	0 40	2 54	2 1	6 22	1 12	0 S 2
7	15	48	0 40	2 57	2 1	6 13	1 11	0 15
10	15	48	0 40	3 1	2 1	6 5	1 11	0 28
13	15	49	0 39	3 4	2 0	5 57	1 10	0 41
16	15	49	0 39	3 7	2 0	5 49	1 10	0 54
19	15	50	0 39	3 10	2 0	5 40	1 10	1 8
22	15	50	0 39	3 13	2 0	5 31	1 10	1 22
25	15	51	0 39	3 16	2 0	5 23	1 9	1 36
28	15	51	0 39	3 20	2 0	5 15	1 9	1 50
31	15	52	0 39	3 24	2 0	5 6	1 9	2 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	8 36 33	8 12 39	18 N 14	14 W 59	3 S 17	25 S 53	8 43
2	Tu	8 40 30	9 10 3	18 59 28	51 2	12 22	34 8	44
3	W	8 44 26	10 7 28	17 43 13	m 2	0 57 17	50 8	47
4	Th	8 48 23	11 4 55	17 28 27	27 0	N 23 12	1 8	49
5	F	8 52 19	12 2 23	17 12 12	x 0	1 42 5	30 8	52
6	S	8 56 16	12 59 51	16 56 25	37 2	54 1 N	19 8	54
7	S	9 0 12	13 57 22	16 39 11	r 10	3 55 8	2 8	57
8	M	9 4 9	14 54 53	16 23 25	36 4	41 14	16 9	0
9	Tu	9 8 5	15 52 26	16 6 9	51 5	8 19 39	9 9	2
10	W	9 12 2	16 50 1	15 48 23	53 5	17 23 53	9 9	5
11	Th	9 15 59	17 47 37	15 31 7	14 40	5 7 26	40 9	7
12	F	9 19 55	18 45 14	15 13 21	12 4	41 27 50	9 9	10
13	S	9 23 52	19 42 53	14 55 4	29 3	59 27 23	9 9	13
14	S	9 27 48	20 40 34	14 37 17	32 3	6 25 24	9 9	15
15	M	9 31 45	21 38 16	14 18 0	20 2	5 22 8	9 9	17
16	Tu	9 35 41	22 36 0	14 0 12	55 0	58 17 53	9 9	20
17	W	9 39 38	23 33 45	13 41 25	18 0	8 11 12	56 9	23
18	Th	9 43 34	24 31 31	13 22 7	m 30	1 18 7	34 9	26
19	F	9 47 31	25 29 19	13 2 19	33 2	20 2 0	9 9	29
20	S	9 51 27	26 27 8	12 43 1	28 3	16 3 S	35 9	32
21	S	9 55 24	27 24 58	12 23 13	19 4	3 9 0	9 9	36
22	M	9 59 21	28 22 49	12 3 25	9 4	40 14 5	9 9	39
23	Tu	10 3 17	29 20 42	11 43 7	m 1	5 4 18	40 9	42
24	W	10 7 14	0 m 18	36 11 23	19 0	5 16 22	33 9	45
25	Th	10 11 10	1 16 31	11 2 1	f 9	5 14 25	32 9	48
26	F	10 15 7	2 14 27	10 41 13	34 4	58 27 23	9 9	51
27	S	10 19 3	3 12 24	10 20 26	18 4	26 27 51	9 9	54
28	S	10 23 0	4 10 23	9 59 9	v 25	3 40 26	48 9	57
29	M	10 26 57	5 8 22	9 38 23	57 2	41 24 9	10 0	
30	Tu	10 30 53	6 6 24	9 17 6	m 55	1 30 20	1 10	4
31	W	10 34 50	7 4 27	8 55 21	18 0	12 14 36	10 7	

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 48	5 N 36	0 N 8	22 N 20	0 N 16	21 N 46	24 ^m 0
4	0 46	4 52	0 15	21 50	0 48	21 16	23 50
7	0 44	4 4	0 24	21 23	1 14	20 22	23 41
10	0 42	3 19	0 31	20 42	1 32	19 6	23 31
13	0 40	2 31	0 37	20 5	1 42	17 29	23 22
16	0 38	1 45	0 43	19 13	1 46	15 37	23 12
19	0 37	0 56	0 50	18 25	1 43	13 34	23 3
22	0 35	0 10	0 55	17 25	1 36	11 23	22 53
25	0 33	0 8 39	1 1	16 26	1 24	9 7	22 44
28	0 31	1 25	1 5	15 12	1 8	6 49	22 34
31	0 29	2 13	1 10	13 54	0 50	4 31	22 25

D M	\hbar Long.	γ Long.	δ Long.	ζ Long.	ζ Long.	Mutual Aspts.	Lunar Aspects.						
	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "		☉	☿	♈	♊	♋	♌	♍
1	18 ^m 20	2 ^h 21	17 ^m 42	18 ^h 30	22 ^h 57	☉ * ☿	☐	Δ		Δ	♊		♋
2	18 26	2 31	18 19	19 48	24 42	♊ ☉ ♈			Δ				♋
3	18 33	2 41	18 57	20 56	26 38	♀ * ♈	♊	Δ					
4	18 39	2 51	19 34	22 10	28 30								
5	18 46	3 1	20 12	23 23	0 ^h 27				♊				
6	18 52	3 11	20 49	24 36	2 25	♋ * ♈	Δ	♊		♊	♊	Δ	Δ
7	18 59	3 22	21 27	25 50	4 25			♊			♊		Δ
8	19 5	3 33	22 4	27 3	6 26							☐	
9	19 12	3 43	22 42	28 17	8 28	♋ * ☿	☐		Δ		Δ	*	☐
10	19 19	3 54	23 20	29 30	10 31				Δ		Δ	*	
11	19 25	4 5	23 58	0 ^h 44	12 34		*	Δ		Δ			*
12	19 32	4 15	24 36	1 57	14 37				☐		☐		
13	19 39	4 26	25 14	3 11	16 40			☐		☐		☐	
14	19 46	4 37	25 52	4 24	18 42	♀ * ♈			*		*	*	♌
15	19 53	4 48	26 30	5 38	20 43					*	*	♌	
16	20 0	4 59	27 8	6 52	22 44	☉ ☉ ♋	♌	*					♌
17	20 7	5 10	27 46	8 5	24 44		♌						♌
18	20 14	5 21	28 24	9 19	26 43	♀ * ☿			♌				
19	20 21	5 32	29 3	10 33	28 41				♌		♌		
20	20 28	5 43	29 41	11 47	0 ^h 38					♌	♌		
21	20 35	5 55	0 ^h 20	13 1	2 33			♌				*	
22	20 42	6 6	0 58	14 15	4 26		*						*
23	20 49	6 18	1 37	15 29	6 18								*
24	20 56	6 29	2 15	16 43	8 9				*			☐	
25	21 3	6 41	2 54	17 57	10 0		☐		*	*	*		
26	21 10	6 52	3 32	19 11	11 49			*				Δ	☐
27	21 17	7 4	4 11	20 25	13 37				☐			Δ	
28	21 24	7 16	4 50	21 39	15 23		Δ	☐		☐	☐		
29	21 31	7 28	5 28	22 53	17 8				Δ		Δ		Δ
30	21 39	7 40	6 7	24 7	18 52			Δ		Δ	Δ		
31	21 46	7 52	6 46	25 21	20 84							♌	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 39	3 S 27	2 N 0	5 N 3	1 N 8	2 S 9
4	15	54	0 39	3 31	2 0	4 54	1 8	2 24
7	15	55	0 39	3 36	2 0	4 45	1 8	2 39
10	15	56	0 39	3 41	2 0	4 36	1 8	2 54
13	15	57	0 39	3 44	2 0	4 28	1 7	3 8
16	15	57	0 39	3 48	2 0	4 19	1 7	3 23
19	15	58	0 38	3 52	2 0	4 10	1 7	3 38
22	15	59	0 38	3 55	2 0	4 1	1 7	3 53
25	16	0	0 38	4 0	2 0	3 53	1 7	4 8
28	16	0	0 38	4 5	2 0	3 44	1 7	4 23

D M	D W	Sidereal Time.			☉ Long.			☉ Declin			♄ Long.			♄ Lat.			♄ Declin			♃ Long.		
		H. M. S.			° ' "			° ' "			° ' "			° ' "			° ' "			° ' "		
1	Th	10	38	46	8 ^m	2	31	8	N	34	6 ^x	0	1	N	9	8	S	15	10 ^a	11		
2	F	10	42	43	9	0	37	8	12	20	56	2	27	1	21	10	14	10	18			
3	S	10	46	39	9	58	45	7	50	5 ^r	57	3	34	5	N	39	10	18				
4	S	10	50	36	10	56	55	7	28	20	55	4	27	12	17	10	21					
5	M	10	54	32	11	55	7	7	6	5 ^s	41	5	1	18	9	10	25					
6	Tu	10	58	29	12	53	21	6	44	20	10	5	15	22	51	10	28					
7	W	11	2	26	13	51	37	6	21	4 ^u	18	5	10	26	6	10	32					
8	Th	11	6	22	14	49	54	5	59	18	3	4	46	27	41	10	35					
9	F	11	10	19	15	48	15	5	36	1 ^z	36	4	8	27	36	10	38					
10	S	11	14	15	16	46	37	5	14	14	28	3	18	25	57	10	42					
11	S	11	18	12	17	45	2	4	51	27	13	2	19	23	0	10	46					
12	M	11	22	8	18	43	28	4	28	9 ^Ω	44	1	14	19	1	10	50					
13	Tu	11	26	5	19	41	57	4	5	22	2	0	7	14	18	10	53					
14	W	11	30	1	20	40	28	3	42	4 ^m	11	0	S	59	9	4	10	57				
15	Th	11	33	58	21	39	1	3	19	16	12	2	2	3	85	11	0					
16	F	11	37	54	22	37	36	2	56	28	7	2	59	1	S	59	11	3				
17	S	11	41	51	23	36	13	2	33	9 ^Δ	59	3	48	7	27	11	7					
18	S	11	45	48	24	34	52	2	9	21	49	4	26	12	38	11	11					
19	M	11	49	44	25	33	33	1	46	3 ^m	39	4	54	17	21	11	15					
20	Tu	11	53	41	26	32	15	1	23	15	32	5	9	21	26	11	19					
21	W	11	57	37	27	30	59	0	59	27	31	5	10	24	35	11	23					
22	Th	12	1	34	28	29	45	0	35	9 ^f	39	4	58	26	50	11	27					
23	F	12	5	31	29	28	32	0	13	22	0	4	32	27	45	11	30					
24	S	12	9	27	0 ^Δ	27	21	0	S	11	4 ^v	38	3	52	27	15	11	34				
25	S	12	13	23	1	26	12	0	34	17	38	2	59	25	16	11	38					
26	M	12	17	20	2	25	4	0	58	1 ^m	3	1	55	21	49	11	42					
27	Tu	12	21	17	3	23	58	1	21	14	56	0	42	17	3	11	45					
28	W	12	25	13	4	23	54	1	45	29	16	0	N	35	11	12	11	49				
29	Th	12	29	10	5	21	52	2	8	14 ^x	1	1	53	4	34	11	53					
30	F	12	33	6	6	20	51	2	31	29	6	3	4	2	N	27	11	57				

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 29	28 30	1 N 12	13 N 49	0 N 44	3 N 45	22 ^m 21
4	0 27	3 17	1 16	12 2	0 23	1 29	22 11
7	0 25	4 6	1 19	11 16	0 1	0 S 45	22 2
10	0 23	4 52	1 22	9 54	0 S 22	2 56	21 52
13	0 21	5 42	1 23	8 33	0 46	5 2	21 48
16	0 19	6 31	1 25	7 7	1 9	7 8	21 38
19	0 18	7 16	1 25	5 41	1 33	8 58	21 24
22	0 16	8 8	1 25	4 9	1 56	10 46	21 14
25	0 14	8 50	1 25	2 44	2 18	12 26	21 5
28	0 12	9 36	1 24	1 13	2 38	13 56	20 55

D M	♂		♀		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.		☉	♂	♂	♂	♂	♀	♀	♀
	°	'	°	'	°	'	'	'	'	'	'	'	'
1	21 ^m 54	8 ^h 4	7 ^h 25	26 ^h 36	22 ^m 15	♂ ♂ ♀	♂						♂
2	22 1	8 16	8 4	27 50	23 35			♂					♂
3	22 9	8 28	8 43	29 4	25 34			♂	♂	♂			
4	22 16	8 40	9 22	0 ^m 18	27 11								
5	22 24	8 52	10 1	1 34	28 47		Δ					Δ	
6	22 31	9 4	10 40	2 49	0 ^h 22	♂ ♂ ♀			Δ				
7	22 39	9 17	11 20	4 1	1 56			Δ		Δ	Δ	□	Δ
8	22 46	9 29	11 59	5 15	3 29		□		□				
9	22 53	9 41	12 38	6 30	5 1						*	□	
10	23 1	9 54	13 18	7 44	6 31		*	□		□	□		
11	23 8	10 6	13 57	8 59	8 0				*				
12	23 16	10 18	14 36	10 13	9 28	♂ ♂ ♀		*		*	*		*
13	23 23	10 31	15 16	11 28	10 55	♂ ♂ ♀							
14	23 31	10 43	15 55	12 42	12 21								
15	23 38	10 56	16 35	13 57	13 46	♂ ♂ ♀	♂					♂	
16	23 46	11 8	17 15	15 12	15 9				♂				
17	23 53	11 21	17 55	16 26	16 31	☉ ♂ ♀		♂		♂			♂
18	24 1	11 34	18 35	17 41	17 52						♂		
19	24 8	11 47	19 15	18 56	19 12	♂ ♂ ♀							
20	24 16	11 59	19 55	20 10	20 30						*		
21	24 23	12 12	20 35	21 25	21 47		*		*				
22	24 31	12 25	21 15	22 40	23 2			*		*			
23	24 38	12 38	21 55	23 55	24 16				□		*	□	*
24	24 46	12 51	22 35	25 10	25 28	♀ ♂ ♀	□	□					
25	24 53	13 4	23 16	26 25	26 39					□	□		
26	25 0	13 16	23 56	27 39	27 48		Δ		Δ			Δ	□
27	25 8	13 29	24 36	28 54	28 54			Δ		Δ			
28	25 15	13 42	25 17	0 ^h 9	29 58						Δ		
29	25 23	13 55	25 57	1 24	1 ^m 0								Δ
30	25 30	14 8	26 37	2 39	2 0				♂			♂	

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	°	'	°	'	°	'
1	16	1	0 N 38	4 S 10	2 N 1	3 N 35	1 N 7	4 S 39
4	16	1	0 38	4 15	2 1	3 26	1 7	4 54
7	16	2	0 38	4 20	2 1	3 18	1 6	5 9
10	16	3	0 38	4 25	2 1	3 10	1 6	5 24
13	16	4	0 38	4 28	2 2	3 2	1 6	5 39
16	16	5	0 38	4 32	2 2	2 54	1 6	5 54
19	16	5	0 38	4 36	2 3	2 45	1 6	6 8
22	16	6	0 38	4 40	2 3	2 38	1 6	6 23
25	16	7	0 38	4 44	2 4	2 30	1 6	6 38
28	16	7	0 38	4 48	2 4	2 22	1 7	6 53
31	16	8	0 38	4 53	2 4	2 15	1 7	7 8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "
1	S	12 37 3	7 19 53	28 55	14 22	4 N 3	9 N 24	12 1
2	S	12 40 59	8 18 57	3 18	29 38	4 44	15 47	12 5
3	M	12 44 56	9 18 3	3 41	14 44	5 52	21 8	12 8
4	Tu	12 48 52	10 17 11	4 52	29 30	5 52	25 2	12 12
5	W	12 52 49	11 16 21	4 28	13 51	4 46	27 13	12 16
6	Th	12 56 46	12 15 34	4 51	27 43	4 11	27 37	12 20
7	F	13 0 42	13 14 49	5 14	11 57	3 23	26 22	12 23
8	S	13 4 39	14 14 7	5 37	24 6	2 25	23 42	12 27
9	S	13 8 35	15 13 27	6 0	6 43	1 22	19 56	12 31
10	M	13 12 32	16 12 49	6 23	19 4	0 16	15 23	12 35
11	Tu	13 16 28	17 12 14	6 46	1 11	0 8	49 10	12 39
12	W	13 20 25	18 11 42	7 9	13 10	1 50	4 55	12 43
13	Th	13 24 21	19 11 11	7 31	25 4	2 47	0 35	12 46
14	F	13 28 18	20 10 43	7 54	6 54	3 36	6 3	12 50
15	S	13 32 15	21 10 17	8 16	18 45	4 15	11 17	12 54
16	S	13 36 12	22 9 53	8 38	0 36	4 43	16 7	12 58
17	M	13 40 8	23 9 31	9 11	12 30	4 59	20 21	13 2
18	Tu	13 44 4	24 9 11	9 23	24 28	5 22	23 47	13 6
19	W	13 48 0	25 8 52	9 45	6 31	4 52	26 13	13 10
20	Th	13 52 56	26 8 36	10 6	18 43	4 28	27 26	13 13
21	F	13 55 52	27 8 21	10 28	1 5	8 52	27 19	13 17
22	S	13 59 49	28 8 10	10 49	13 42	3 32	25 48	13 21
23	S	14 3 45	29 7 57	11 11	26 36	2 42	22 53	13 24
24	M	14 7 41	0 7 47	11 32	9 52	0 57	18 43	13 28
25	Tu	14 11 37	1 7 39	11 53	23 33	0 N 15	13 26	13 32
26	W	14 15 34	2 7 33	12 14	7 41	1 29	7 19	13 35
27	Th	14 19 31	3 7 28	12 34	22 15	2 39	0 38	13 39
28	F	14 23 27	4 7 25	12 54	7 12	3 40	6 N 14	13 43
29	S	14 27 23	5 7 23	13 15	22 25	4 27	12 51	13 46
30	S	14 31 19	6 7 24	13 34	7 44	4 54	18 44	13 50
31	M	14 35 16	7 7 26	13 54	22 57	5 12	22 22	13 53

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 10	10 S 22	1 N 23	0 S 17	2 S 56	15 S 15	20 π 46
4	0 8	11 7	1 20	1 48	3 10	16 21	20 36
7	0 6	11 52	1 18	3 19	3 20	17 10	20 27
10	0 4	12 36	1 14	4 49	3 23	17 37	20 17
13	0 3	13 19	1 11	6 19	3 17	17 37	20 8
16	0 1	14 1	1 6	7 49	2 58	17 2	19 58
19	0 S 1	14 44	1 2	9 14	2 25	15 48	19 49
22	0 3	15 25	0 50	9 49	1 35	13 54	19 39
25	0 4	16 4	0 52	12 2	0 35	11 39	19 30
28	0 6	16 42	0 46	13 20	0 N 25	9 31	19 20
31	0 8	17 18	0 39	14 35	1 16	8 0	19 11

D M	$\frac{1}{2}$		$\frac{1}{2}$		$\frac{1}{2}$		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		\odot	\odot	\odot	\odot	\odot	\odot
1	25 π 38	14 \triangle 21	27 \triangle 18	3 \triangle 54	2 π 57			δ		δ		δ	
2	25 45	14 34	27 58	5 9	3 54						δ		δ
3	25 52	14 47	28 39	6 24	4 45								
4	26 0	15 0	29 20	7 39	5 29								
5	26 7	15 13	0 π 1	8 54	6 11			Δ	Δ	Δ		Δ	
6	26 14	15 26	0 42	10 9	6 50	$\odot \odot \frac{1}{2}$		\square	\square	\square	Δ		
7	26 22	15 39	1 23	11 24	7 27	$\odot \odot \frac{1}{2}$		\square	\square	\square		\square	Δ
8	26 29	15 52	2 4	12 39	7 58	$\odot \odot \frac{1}{2}$		\square	\square	\square		\square	
9	26 36	16 5	2 45	13 54	8 23			\square	\square	\square		\square	
10	26 44	16 18	3 26	15 9	8 42	$\odot \odot \frac{1}{2}$		\square	\square	\square		\square	
11	26 51	16 31	4 7	16 24	8 54	$\odot \odot \frac{1}{2}$						\square	
12	26 58	16 44	4 48	17 39	9 0							\square	\square
13	27 5	16 57	5 29	18 54	8 59							\square	
14	27 12	17 10	6 10	20 9	8 50	$\odot \odot \frac{1}{2}$		\square	\square	\square		\square	
15	27 19	17 23	6 52	21 24	8 32			\square	\square	\square		\square	
16	27 26	17 36	7 38	22 39	8 6	$\odot \odot \frac{1}{2}$						\square	\square
17	27 33	17 49	8 15	23 54	7 32							\square	\square
18	27 40	18 2	8 56	25 9	6 49							\square	\square
19	27 47	18 15	9 38	26 25	5 57							\square	\square
20	27 54	18 28	10 19	27 40	4 58							\square	\square
21	28 1	18 41	11 1	28 55	3 53							\square	\square
22	28 8	18 54	11 43	0 π 10	2 41							\square	\square
23	28 15	19 7	12 25	1 25	1 27	$\odot \odot \frac{1}{2}$		\square	\square	\square		\square	\square
24	28 22	19 20	13 7	2 40	0 11	$\odot \odot \frac{1}{2}$		\square	\square	\square		\square	\square
25	28 28	19 33	13 49	3 56	28 \triangle 55							\square	\square
26	28 35	19 46	14 31	5 11	27 41			Δ				Δ	
27	28 41	19 59	15 13	6 26	26 37							Δ	
28	28 47	20 12	15 55	7 41	25 36							Δ	
29	28 54	20 24	16 37	8 57	24 44							Δ	
30	29 0	20 37	17 19	10 12	24 4							Δ	
31	29 7	20 50	18 1	11 27	23 32							Δ	

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 88	48 55	2 N 5	2 N 13	1 N 7	78 11
4	16	10	0 38	4 59	2 5	2 6	1 7	7 25
7	16	11	0 88	5 3	2 6	1 59	1 7	7 39
10	16	12	0 38	5 8	2 6	1 52	1 7	7 55
13	16	12	0 38	5 12	2 7	1 46	1 7	8 7
16	16	13	0 88	5 15	2 7	1 40	1 7	8 20
19	16	14	0 38	5 18	2 8	1 34	1 8	8 33
22	16	14	0 39	5 21	2 8	1 29	1 8	8 46
25	16	15	0 39	5 24	2 9	1 23	1 8	8 59
28	16	15	0 39	5 28	2 10	1 18	1 8	9 12

D M	D W	Sidereal Time.			☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.		
		H.	M.	S.	°	'	"	°	'	°		
1	Tu	14	39	13	8 ^m 7	31	14 8	13	7 54	4 N 46	26 N 21	13 57
2	W	14	43	9	9	7 37	14 33	22 26	4 14	27 28	14 0	
3	Th	14	47	6	10	7 45	14 52	6 25	28 3	26 26	45 14	4
4	F	14	51	2	11	7 56	15 11	20 0	2 29	24 26	14 8	
5	S	14	54	59	12	8 9	15 30	3 2	4 1	26 20	53 14	12
6	S	14	58	55	13	8 24	15 48	15 42	0 20	16 28	14 15	
7	M	15	2	52	14	8 41	16 6	28 1	0 8	45 11	28 14	19
8	Tu	15	6	49	15	9 0	16 24	10 6	1 47	6 8	14 23	
9	W	15	10	45	16	9 21	16 41	22 1	2 43	0 40	14 26	
10	Th	15	14	42	17	9 44	16 59	3 51	3 31	4 8	46 14	29
11	F	15	18	38	18	10 9	17 16	15 41	4 11	10 2	14 32	
12	S	15	22	35	19	10 37	17 32	27 32	4 39	14 57	14 35	
13	S	15	26	31	20	11 6	17 49	9 27	4 55	19 19	14 39	
14	M	15	30	28	21	11 36	18 5	21 28	4 59	22 57	14 43	
15	Tu	15	34	24	22	12 9	18 20	3 35	4 4	25 37	14 46	
16	W	15	38	21	23	12 43	18 36	15 50	4 25	27 6	14 50	
17	Th	15	42	17	24	13 18	18 51	28 13	3 49	27 16	14 53	
18	F	15	46	14	25	13 55	19 6	10 45	3 1	26 3	14 56	
19	S	15	50	11	26	14 33	19 20	23 28	2 4	23 27	14 59	
20	S	15	54	7	27	15 12	19 34	6 27	0 59	19 38	15 2	
21	M	15	58	4	28	15 52	19 48	19 41	0 N 11	14 45	15 4	
22	Tu	16	2	0	29	16 33	20 1	3 15	1 22	9 3	15 7	
23	W	16	5	57	0	17 15	20 14	17 10	2 30	2 46	15 10	
24	Th	16	9	53	1	17 59	20 27	1 27	3 30	3 N 47	15 12	
25	F	16	13	50	2	18 43	20 39	16 6	4 16	10 18	15 15	
26	S	16	17	46	3	19 28	20 51	0 59	4 50	16 21	15 18	
27	S	16	21	43	4	20 15	21 2	16 1	5 1	21 27	15 21	
28	M	16	25	40	5	21 3	21 13	1 3	4 52	25 9	15 24	
29	Tu	16	29	36	6	21 52	21 24	15 54	4 24	27 5	15 27	
30	W	16	33	33	7	22 41	21 34	0 25	3 38	27 6	15 30	

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 9	17 8 33	0 N 38	15 8 4	1 N 30	7 8 40	19 ^m 8
4	0 11	18 8	0 31	16 14	1 59	7 20	18 58
7	0 12	18 45	0 24	17 26	2 14	7 44	18 49
10	0 14	19 18	0 17	18 28	2 17	8 43	18 39
13	0 16	19 50	0 10	19 31	2 11	10 4	18 30
16	0 18	20 20	0 3	20 26	1 59	11 38	18 20
19	0 19	20 49	0 5 4	21 16	1 43	13 17	18 10
22	0 21	21 15	0 10	21 56	1 24	14 57	18 1
25	0 23	21 42	0 19	22 40	1 4	16 35	17 51
28	0 25	22 5	0 27	23 17	0 43	18 17	17 42

D M	♂	♂	♂	♀	♀	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	♂	♂	♂	♂	♀	♀	♀
	° /	° /	° /	° /	° /									
1	29 ^m 13 21	2 18 ^m 43	12 ^m 43	23 ^m 9				Δ						
2	29 20 21	15 19	26 13	58 23	D 7					Δ				Δ
3	29 26 21	28 20	9 15	13 23	13		Δ		□					
4	29 32 21	40 20	51 16	28 23	36			□		□	Δ	Δ		□
5	29 39 21	53 21	34 17	43 24	6				*					
6	29 45 22	6 22	16 18	58 24	41		□	*				□		*
7	29 51 22	18 22	59 20	14 25	21					*	□			*
8	29 57 22	31 23	42 21	29 26	10		*					*	*	
9	0 ^m 3 22	43 24	25 22	44 27	8							*	*	
10	0 9 22	56 25	7 23	59 28	13				♂					
11	0 15 23	8 25	50 25	14 29	22			♂						
12	0 21 23	21 26	32 26	29 0 ^m 34	♀ ♂ ♂					♂				♂
13	0 26 23	33 27	15 27	45 1 49										
14	0 32 23	46 27	58 29	0 3 8			♂							
15	0 37 23	58 28	41 0 ^m 15	4 30	♀ * ♀				*		♂ ♂			
16	0 43 24	10 29	24 1 31	5 54				*						
17	0 48 24	23 0 ^m 7	2 46	7 19					□	*				
18	0 54 24	35 1 0	4 1 8	46	♂ * ♀			□						*
19	0 59 24	47 1 34	5 17	10 16			*			□				
20	1 5 24	59 2 17	6 32	11 46					Δ		*	*	□	
21	1 10 25	11 3 1 7	47 13	17					Δ		Δ			
22	1 15 25	23 3 44	9 3 14	48				□				□	□	
23	1 20 25	34 4 28	10 18	16 20										Δ
24	1 25 25	46 5 11	11 33	17 52	☉ * ♀		Δ		♂		Δ			
25	1 30 25	57 5 55	12 49	18 25				♂				Δ		
26	1 35 26	9 6 38	14 4 20	58	♀ * ♀						♂			
27	1 39 26	20 7 22	15 19	22 31										♂
28	1 44 26	32 8 6	16 35	24 4				♂		Δ		♂		
29	1 49 26	43 8 50	17 50	25 37					Δ			♂		
30	1 53 26	55 9 34	19 5 27	10						□	Δ			

DECEMBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 39	5 S 32	2 N 11	1 N 13	1 N 9	9 S 23
4	16	15	0 39	5 35	2 11	1 9	1 9	9 35
7	16	16	0 39	5 38	2 12	1 5	1 9	9 46
10	16	16	0 39	5 41	2 13	1 1	1 9	9 57
13	16	16	0 39	5 43	2 14	0 58	1 10	10 8
16	16	16	0 39	5 45	2 15	0 55	1 10	10 18
19	16	17	0 39	5 47	2 16	0 52	1 11	10 28
22	16	17	0 39	5 49	2 16	0 50	1 11	10 38
25	16	17	0 39	5 50	2 17	0 48	1 12	10 47
28	16	17	0 39	5 52	2 17	0 47	1 12	10 56
31	16	17	0 40	5 53	2 18	0 46	1 12	11 4

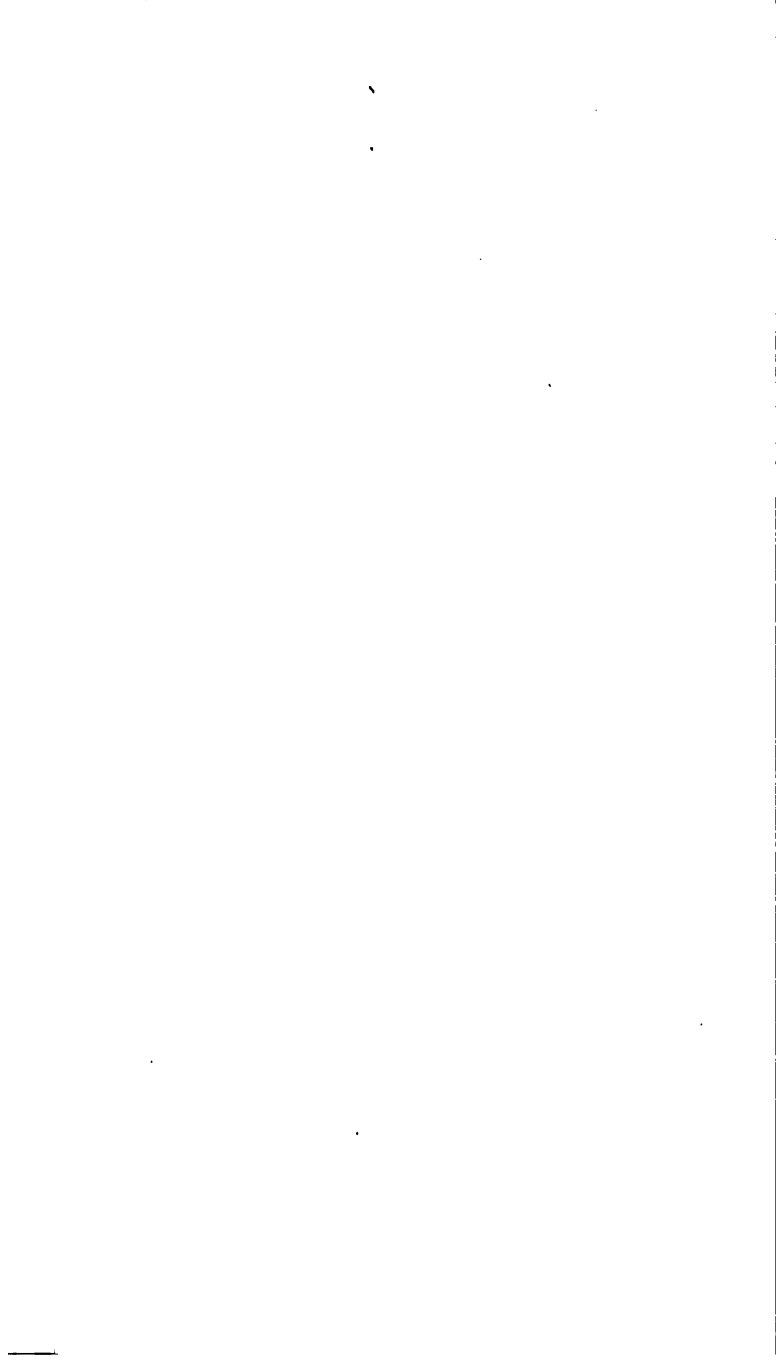
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	16 37 29	8 23 33	21 S 44	14 31	2 N 41	25 N 20	15 32
2	F	16 41 26	9 24 26	21 53 28	9 1	35 22	7 15	34
3	S	16 45 22	10 25 19	22 2 11	19 0	27 17	50 15	36
4	S	16 49 19	11 26 15	22 11 24	3 0	41 12	53 15	39
5	M	16 53 16	12 27 12	22 18 6	26 1	45 7	32 15	42
6	Tu	16 57 13	13 28 10	22 27 18	33 2	43 2	2 15	44
7	W	17 1 10	14 29 9	22 34 0	30 3	33 3	27 15	46
8	Th	17 5 7	15 30 10	22 41 12	21 4	13 8	46 15	49
9	F	17 9 3	16 31 12	22 47 24	11 4	42 13	45 15	52
10	S	17 13 0	17 32 15	22 53 6	4 5	0 18	16 15	54
11	S	17 16 56	18 33 19	22 58 18	4 5	4 22	5 15	56
12	M	17 20 53	19 34 24	23 3 0	12 4	55 25	1 15	58
13	Tu	17 24 50	20 35 30	23 8 12	31 4	32 26	49 16	0
14	W	17 28 47	21 36 37	23 12 25	0 3	55 27	17 16	2
15	Th	17 32 44	22 37 45	23 16 7	41 3	7 26	21 16	4
16	F	17 36 40	23 38 52	23 19 20	32 2	8 24	0 16	6
17	S	17 40 36	24 40 1	23 21 3	34 1	1 20	23 16	8
18	S	17 44 33	25 41 9	23 24 16	47 0	N 9	15 40	10
19	M	17 48 30	26 42 18	23 25 0	13 1	21 10	9 16	12
20	Tu	17 52 26	27 43 27	23 27 13	52 2	29 4	4 16	14
21	W	17 56 23	28 44 36	23 28 27	44 3	30 2	N 18	16
22	Th	18 0 20	29 45 45	23 28 11	50 4	19 8	39 16	18
23	F	18 4 17	0 46 54	23 28 26	10 4	52 14	39 16	20
24	S	18 8 14	1 48 4	23 27 10	39 5	8 19	54 16	22
25	S	18 12 10	2 49 13	23 26 25	14 5	4 24	0 16	23
26	M	18 16 7	3 50 22	23 25 9	49 4	40 26	34 16	24
27	Tu	18 20 4	4 51 31	23 23 24	17 3	59 27	19 16	26
28	W	18 24 0	5 52 40	23 20 8	31 3	3 26	14 16	27
29	Th	18 27 56	6 53 50	23 17 22	26 1	57 23	31 16	29
30	F	18 31 53	7 54 59	23 14 5	50 0	46 19	32 16	30
31	S	18 35 49	8 55 9	23 10 19	8 0	S 26	14 42	31

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "
1	08 26	23 3 27	08 33	23 8 40	0 N 22	19 8 33	17 m 32
4	0 28	22 46	0 40	24 0	0 1	20 51	17 22
7	0 30	23 5	0 47	24 13	0 S 20	22 0	17 13
10	0 31	23 21	0 53	24 20	0 39	23 0	17 3
13	0 33	23 35	0 59	24 20	0 57	23 50	16 54
16	0 35	23 46	1 4	24 9	1 14	24 28	16 44
19	0 37	23 55	1 10	24 0	1 29	24 55	16 35
22	0 38	24 3	1 15	23 39	1 43	25 10	16 25
25	0 40	24 7	1 20	23 14	1 53	25 11	16 16
28	0 42	24 9	1 24	22 37	2 2	25 0	16 6
31	0 43	24 10	1 26	21 44	2 7	24 34	15 57

D M	h	λ	δ	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	♂	h	λ	δ	♀	♂
1	1	57 27	6 10 18	20 21 28	m 44			□					
2	2	1 27	17 11	2 21 36	0 17				*	□			Δ
3	2	5 27	28 11	46 22 51	1 51		Δ	*			*	Δ	
4	2	9 27	39 12	30 24 6	3 25					*		Δ	
5	2	13 27	50 13	14 25 21	4 58								□
6	2	17 28	1 13	58 26 36	6 32	♀ * ♀	□					□	
7	2	21 28	12 14	43 27 52	8 6	♂ * ♀	♂		♂			□	*
8	2	25 28	23 15	27 29 7	9 40	☉ * ♀	*		♂			*	*
9	2	28 28	34 16	11 0 22	11 14	☉ ♂ ♂					♂		
10	2	32 28	44 16	56 1 38	12 48							*	
11	2	36 28	55 17	40 2 53	14 22								
12	2	39 29	5 18	24 4 8	15 56	♀ * ♀	♂			*			
13	2	43 29	16 19	9 5 24	17 30				*				
14	2	46 29	26 19	53 6 39	19 4			♂			*	♂	♂
15	2	49 29	36 20	38 7 54	20 38	♀ ♂ ♂			□	□		♂	
16	2	52 29	46 21	23 9 9	22 13								
17	2	55 29	56 22	7 10 24	23 48						Δ	□	
18	2	58 0 m	6 22	53 11 39	25 23						Δ	*	
19	3	1 0	16 23	37 12 55	26 58	☉ ♂ ♀	*					Δ	*
20	3	4 0	25 24	22 14 10	28 38								*
21	3	6 0	35 25	7 15 25	0 8	♀ □ ♀	♂				♂		□
22	3	9 0	44 25	52 16 40	1 44	♀ * ♀			♂				□
23	3	11 0	54 26	37 17 55	3 20	☉ * ♀	Δ				♂	Δ	
24	3	13 1	3 27	22 19 10	4 56								Δ
25	3	15 1	12 28	8 20 26	6 32	☉ □ h							Δ
26	3	17 1	21 28	53 21 41	8 9					Δ	Δ		
27	3	19 1	30 29	38 22 56	9 46							♂	
28	3	21 1	39 0	23 24 11	11 23				♂	□	□	Δ	
29	3	23 1	48 1	8 26 26	13 0								♂
30	3	25 1	56 1	53 26 41	14 38	♂ * ♀				*	□		
31	3	26 2	5 2	38 27 56	16 16	♀ □ ♀			*				







RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1804.

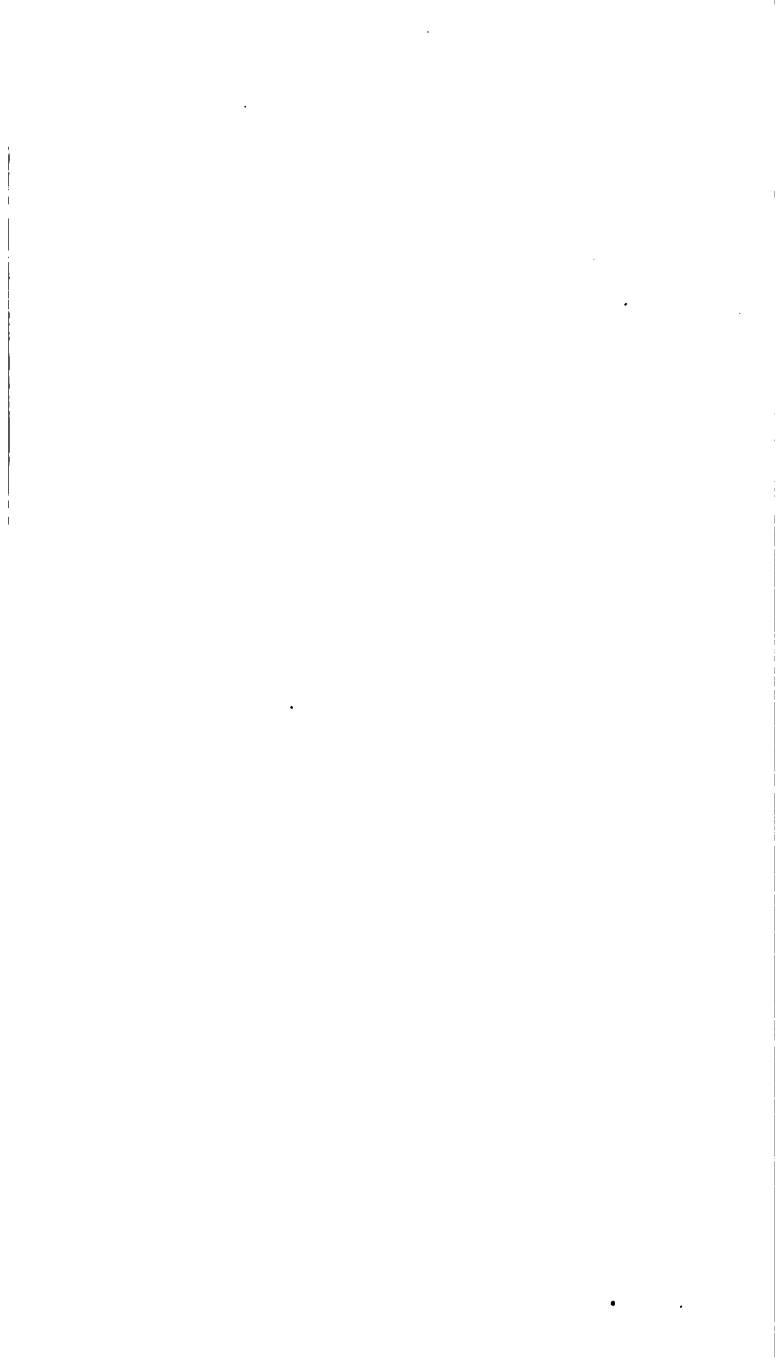
(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.) 13.1.155

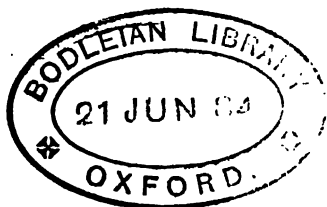


RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANET'S PLACES

For 1804.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	0	N 40	5 54	2 N 19	0 N 45	1 N 13	11 8 7
4	16	15	0	40	5 55	2 20	0 45	1 18	11 14
7	16	16	0	40	5 56	2 21	0 45	1 14	11 22
10	16	16	0	40	5 57	2 22	0 45	1 14	11 29
13	16	17	0	40	5 57	2 23	0 45	1 15	11 35
16	16	17	0	40	5 57	2 23	0 47	1 15	11 41
19	16	17	0	40	5 58	2 24	0 48	1 16	11 46
22	16	18	0	40	5 58	2 25	0 50	1 16	11 51
25	16	18	0	40	5 58	2 26	0 52	1 18	11 56
28	16	18	0	40	5 57	2 26	0 54	1 18	12 0
31	16	18	0	40	5 57	2 27	0 56	1 18	12 3

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.			
		H.	M.	S.	°	'	°	'	°	'	°	'	°	'	°	'	
1	S	18	39	47	9	57	19	23	S 6	1	m	55	1 S 34	9 N 20	16	△	32
2	M	18	43	43	10	58	29	23	1	14	22	2 36	3 45	16		33	
3	Tu	18	47	39	11	59	40	22	55	26	33	3 30	1 S 50	16		34	
4	W	18	51	36	13	0	50	22	50	8	△	33	4 14	7 17	16		35
5	Th	18	55	32	14	2	1	22	44	20	26	4 46	12 24	16		36	
6	F	18	59	29	15	3	12	22	37	1	m	18	5 6	17 4	16		37
7	S	19	3	25	16	4	24	22	30	14	13	5 13	21 6	16		38	
8	S	19	7	22	17	5	35	22	22	26	15	5 6	24 18	16		39	
9	M	19	11	18	18	6	46	22	14	8	f	29	4 46	26 27	16		40
10	Tu	19	15	15	19	7	57	22	6	20	56	4 12	27 20	16		40	
11	W	19	19	12	20	9	8	21	57	3	w	38	3 24	26 49	16		41
12	Th	19	23	8	21	10	18	21	48	16	36	2 26	24 50	16		41	
13	F	19	27	5	22	11	29	21	38	29	49	1 18	21 29	16		42	
14	S	19	31	1	23	12	38	21	28	13	m	16	0 4	16 56	16		42
15	S	19	34	58	24	13	47	21	18	26	54	1 N 10	11 27	16		43	
16	M	19	38	54	25	14	55	21	7	10	×	45	2 22	5 21	16		43
17	Tu	19	42	51	26	16	2	20	55	24	43	3 26	1 N 3	16		44	
18	W	19	46	47	27	17	8	20	44	8	r	47	4 18	7 27	16		44
19	Th	19	50	44	28	18	14	20	31	22	56	4 55	13 29	16		44	
20	F	19	54	41	29	19	18	20	19	7	8	7	5 14	18 50	16		44
21	S	19	58	37	0	m	20	20	20	6	21	19	5 14	23 9	16		44
22	S	20	2	34	1	21	22	19	53	5	Π	29	4 55	26 4	16		43
23	M	20	6	30	2	22	23	19	39	19	34	4 18	27 20	16		43	
24	Tu	20	10	27	3	23	23	19	25	3	5	31	3 26	26 51	16		43
25	W	20	14	23	4	24	21	19	11	17	18	2 23	24 42	16		43	
26	Th	20	18	20	5	25	18	18	56	0	Ω	49	1 13	21 11	16		43
27	F	20	22	16	6	26	15	18	41	14	4	0 S	0 16	37	16		42
28	S	20	26	13	7	27	10	18	26	27	3	1 12	11 23	16		42	
29	S	20	30	10	8	28	5	18	10	9	w	44	2 18	5 48	16		42
30	M	20	34	6	9	28	58	17	54	22	9	3 16	0 7	16		42	
31	Tu	20	38	3	10	29	51	17	38	4	△	21	4 4	5 S 28	16		41

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 43	24 8 9	18 28	21 8 47	28 8	24 8 23	15 ^m 54
4	0 45	24 5	1 31	21 12	2 8	23 38	15 44
7	0 46	24 0	1 33	20 8	2 4	22 39	15 35
10	0 47	23 52	1 35	19 7	1 55	21 27	15 26
13	0 49	23 42	1 36	18 7	1 39	20 2	15 16
16	0 51	23 31	1 37	16 57	1 17	18 26	15 6
19	0 52	23 14	1 36	15 49	0 48	16 43	14 57
22	0 54	22 55	1 35	14 20	0 10	15 1	14 47
25	0 55	22 36	1 34	13 15	0 N 36	13 27	14 38
28	0 55	22 13	1 32	11 51	1 27	12 14	14 28
31	0 56	21 49	1 28	10 22	2 19	11 31	14 19

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌
	° /	° /	° /	° /	° /							
1	3 ^h 27	2 ^m 13	3 ^w 24	29 ^w 12	17 ^w 54	♂ □ h			*	Δ		
2	3 28	2 21	4 10	0 ^m 27	19 32		Δ					Δ
3	3 29	2 29	4 56	1 42	21 10							
4	3 30	2 37	5 41	2 57	22 49	♀ Δ h	□	♈	♈		□	Δ
5	3 31	2 45	6 27	4 12	24 28		♈					□
6	3 32	2 53	7 13	5 27	26 37	☉ □ h				♈	*	□
7	3 33	3 0	7 58	6 42	27 45		*					
8	3 33	3 7	8 44	7 57	29 24							*
9	3 34	3 11	9 30	9 12	1 ^m 2			*			*	
10	3 34	3 21	10 15	10 27	2 40		*					
11	3 35	3 28	11 1	11 42	4 17	♀ Δ h	♈	□		Δ	*	
12	3 35	3 35	11 47	12 57	5 58			□			♈	
13	3 ^h 35	3 42	12 32	12 11	7 29				Δ	□		
14	3 35	3 49	13 18	15 26	9 3			Δ			♈	♈
15	3 35	3 55	14 4	16 41	10 35	♀ Δ h						
16	3 34	4 1	15 50	17 56	12 5					Δ	*	
17	3 34	4 7	16 36	19 11	13 32		*					
18	3 33	4 13	17 22	20 28	14 57	♂ □ h			♈			*
19	3 33	4 19	17 9	21 40	16 19	♀ Δ h	□	♈			□	*
20	3 32	4 25	17 55	22 55	17 36				♈			
21	3 31	4 30	18 41	24 10	18 48						Δ	□
22	3 30	4 35	19 27	25 24	19 54		Δ		Δ			
23	3 29	4 40	20 13	26 39	20 53			Δ				Δ
24	3 28	4 45	20 59	27 54	21 45	☉ Δ h			□	Δ		Δ
25	3 27	4 50	21 46	29 8	22 31	☉ Δ h		□			♈	
26	3 26	4 55	22 33	0 ^m 23	23 7		♈		*	□		
27	3 25	4 59	23 19	1 37	23 33			*				
28	3 24	5 3	24 6	2 52	23 48							♈
29	3 22	5 7	24 52	4 6	23 ^h 52					*	♈	
30	3 20	5 11	25 39	5 21	23 45	♀ Δ h					Δ	
31	3 18	5 15	26 25	6 35	23 28			♈				

FEBRUARY XXIX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16 15	0 N 41	5 S 56	2 N 28	0 N 58	1 N 19	12 S 4
4	16 15	0 41	5 55	2 29	1 1	1 19	12 7
7	16 14	0 41	5 54	2 30	1 5	1 20	12 9
10	16 14	0 41	5 53	2 30	1 9	1 21	12 10
13	16 13	0 41	5 51	2 31	1 13	1 22	12 11
16	16 12	0 41	5 49	2 31	1 17	1 22	12 11
19	16 11	0 41	5 48	2 32	1 22	1 23	12 11
22	16 11	0 41	5 47	2 22	1 27	1 23	12 11
25	16 10	0 41	5 45	2 33	1 32	1 24	12 10
28	16 10	0 41	5 43	2 33	1 37	1 24	12 8

D M	D W	Sidereal Time.	☉		☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	°	'	°	'	'	'	'
1	W	20 41 59	11	30 43	17 S 21	16 22	4 S 41	10 S 44	16 41
2	Th	20 45 56	12	31 34	17 42	17 5	5 15	37	16 40
3	F	20 49 52	13	32 24	16 47	10 m 9	5 17	19 53	16 40
4	S	20 53 49	14	33 13	16 29	22 4	5 14	23 22	16 39
5	S	20 57 46	15	34 1	16 11	4 f 6	4 58	25 52	16 38
6	M	21 1 42	16	34 49	15 53	16 20	4 29	27 13	16 37
7	Tu	21 5 39	17	35 35	15 35	28 49	3 46	27 13	16 36
8	W	21 9 35	18	36 20	15 16	11 w 37	2 51	25 48	16 35
9	Th	21 13 32	19	37 4	14 57	24 46	1 45	22 55	16 34
10	F	21 17 28	20	37 47	14 38	8 m 16	0 32	18 44	16 33
11	S	21 21 25	21	38 29	14 18	22 6	0 N 44	13 28	16 32
12	S	21 25 21	22	39 9	13 59	6 x 13	2 0	7 23	16 31
13	M	21 29 18	23	39 47	13 39	20 32	3 9	0 52	16 30
14	Tu	21 33 14	24	40 24	13 19	4 r 59	4 6	5 N 45	16 29
15	W	21 37 11	25	40 59	12 58	19 28	4 48	12 3	16 27
16	Th	21 41 8	26	41 32	12 38	3 s 53	5 11	17 42	16 25
17	F	21 45 4	27	42 3	12 17	18 11	5 15	22 18	16 24
18	S	21 49 1	28	42 32	11 56	2 p 19	5 0	25 33	16 23
19	S	21 52 57	29	42 59	11 35	16 15	4 28	27 12	16 21
20	M	21 56 54	0 x 43	24 11	14 29	59 3	40	27 8	16 20
21	Tu	22 0 50	1 43	47 10	52 13	30 30	2 41	25 27	16 19
22	W	22 4 47	2 44	8 10	31 26	48 1	34	22 21	16 17
23	Th	22 8 43	3 44	27 10	9 9	53 0	33	18 10	16 15
24	F	22 12 40	4 44	44 9	47 22	45 0	8	48 13	16 13
25	S	22 16 37	5 45	0 9	25 5	26 1	55	7 45	16 11
26	S	22 20 33	6 45	14 9	3 17	55 2	56	2 5	16 9
27	M	22 24 30	7 45	25 8	40 0	12 3	47	3 33	16 8
28	Tu	22 28 26	8 55	36 8	18 12	20 4	27	8 58	16 6
29	W	22 32 23	9 45	44 7	55 24	19 4	55	14 1	16 5

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 41	5 S 41	2 N 34	1 N 41	1 N 25	12 S 6
4	16	9	0 41	5 38	2 34	1 47	1 25	12 3
7	16	8	0 41	5 35	2 35	1 53	1 26	12 0
10	16	8	0 41	5 33	2 35	1 58	1 26	11 56
13	16	7	0 42	5 31	2 36	2 4	1 27	11 52
16	16	6	0 42	5 28	2 36	2 10	1 27	11 48
19	16	5	0 42	5 26	2 36	2 15	1 28	11 43
22	16	4	0 42	5 24	2 36	2 21	1 28	11 37
25	16	3	0 42	5 21	2 36	2 27	1 29	11 31
28	16	3	0 42	5 17	2 36	2 33	1 29	11 23
31	16	2	0 42	5 15	2 36	2 38	1 29	11 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	22 36 19	10 45 51	7 S 32	6 m 14	5 S 10	18 S 29	16 3
2	F	22 40 16	11 45 57	7 9 18	5 5	12 22	14	16 R 0
3	S	22 44 12	12 46 1	6 47 29	59	5 125	4	15 58
4	S	22 48 9	13 46 3	6 23 11	f 59	4 46	26 48	15 56
5	M	22 52 6	14 46 4	6 0 24	10	3 58	27 18	15 54
6	Tu	22 56 2	15 46 3	5 37 6	v 36	3 9	26 27	15 52
7	W	22 59 59	16 46 1	5 14 19	22	2 9	24 12	15 50
8	Th	23 3 55	17 45 57	4 50 2	m 32	1 120	36	15 48
9	F	23 7 52	18 45 51	4 27 16	8	0 N 13	15 49	15 46
10	S	23 11 48	19 45 43	4 4 0	x 10	1 28	10 3	15 44
11	S	23 15 45	20 45 34	3 40 14	35	2 40	3 37	15 42
12	M	23 19 41	21 45 22	3 16 29	19	3 42	3 N 8	15 40
13	Tu	23 23 38	22 45 9	2 53 14	r 13	4 30	9 46	15 38
14	W	23 27 35	23 44 53	2 29 29	9	5 0	15 51	15 36
15	Th	23 31 31	24 44 35	2 5 13	s 59	5 9	20 58	15 34
16	F	23 35 28	25 44 15	1 42 28	35	4 59	24 43	15 32
17	S	23 39 24	26 43 53	1 18 12	π 51	4 29	26 49	15 30
18	S	23 43 21	27 43 28	0 54 26	49	3 44	27 10	15 27
19	M	23 47 17	28 43 0	0 31 10	σ 25	2 48	25 51	15 25
20	Tu	23 51 14	29 42 30	0 7 23	41	1 43	23 5	15 22
21	W	23 55 10	0 r 41 59	0 N 17	6 Ω 41	0 35	19 11	15 18
22	Th	23 59 7	1 41 24	0 40 19	26	0 S 34	14 28	15 16
23	F	0 3 4	2 40 48	1 4 1	m 59	1 40	9 14	15 15
24	S	0 7 0	3 40 9	1 28 14	22	2 40	3 42	15 13
25	S	0 10 57	4 39 28	1 51 26	36	3 31	1 S 52	15 12
26	M	0 14 53	5 38 44	2 15 8	Δ 43	4 13	7 20	15 10
27	Tu	0 18 50	6 37 59	2 38 20	44	4 43	13 28	15 7
28	W	0 22 46	7 37 11	3 2 2	m 40	5 0	17 6	15 5
29	Th	0 26 42	8 36 22	3 25 14	33	5 4	21 4	15 2
30	F	0 30 39	9 35 31	3 48 26	24	4 55	24 9	14 59
31	S	0 34 36	10 34 39	4 12 8	f 18	4 34	26 13	14 56

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 6	15 8 56	08 26	4 N 54	0 N 1	16 8 44	12 m 43
4	1 6	15 11	0 17	6 30	0 8 0	16 24	12 33
7	1 7	14 26	0 8	7 58	0 57	15 49	12 24
10	1 7	13 38	0 N 2	9 28	1 21	15 3	12 14
13	1 8	12 50	0 12	10 56	1 40	14 4	12 5
16	1 8	12 0	0 22	12 19	1 56	12 53	11 55
19	1 8	11 9	0 32	13 44	2 8	11 30	11 46
22	1 9	10 19	0 43	15 2	2 17	9 56	11 36
25	1 9	9 26	0 53	16 21	2 21	8 10	11 27
28	1 9	8 34	1 3	17 32	2 21	6 14	11 17
31	1 9	7 43	1 15	18 43	2 16	4 8	11 8

D M	♈		♉		♊		♋		♌		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
1	1 41	5 m 43	19 m 48	18 r 26	13 m 39							Δ				♈	
2	1 37	5 41	20 35	14 39	14 32											□	□
3	1 33	5 39	21 22	15 52	15 29	♀ ♀ ♀	♂					□	*				*
4	1 28	5 37	22 9	17 46	16 29	♀ ♀ Δ	♂					□	*			*	Δ
5	1 24	5 35	22 56	18 17	17 31											*	Δ
6	1 20	5 32	23 43	19 30	18 85											□	*
7	1 15	5 29	24 30	20 42	19 42							*	□			□	
8	1 11	5 26	25 17	21 55	20 51									Δ		□	
9	1 6	5 22	26 4	23 7	22 2							Δ				♈	
10	1 2	5 19	26 51	24 19	23 16										Δ	♈	*
11	0 57	5 15	27 38	25 31	24 81							♈					
12	0 53	5 12	28 25	26 43	25 48											♈	
13	0 48	5 8	29 12	27 55	27 6											♈	*
14	0 44	5 4	29 59	29 7	28 26											♈	*
15	0 39	4 59	0 m 46	0 19	29 48	♀ ♀ ♀	♂										
16	0 34	4 55	1 34	1 30	1 m 11	♂ * ♀	*					*		Δ		□	□
17	0 30	4 50	2 21	2 42	2 36	♂ ♀ ♀	♈					Δ				Δ	
18	0 25	4 46	3 8	3 54	4 2	♀ Δ ♀	♈					□				Δ	*
19	0 20	4 41	3 55	5 5	5 30	♀ ♀ ♀	♈					□				Δ	*
20	0 16	4 36	4 42	6 17	6 59	♂ Δ ♀	♈										
21	0 11	4 30	5 29	7 28	8 30	☉ ♀ ♀	♈					Δ		*		□	□
22	0 6	4 25	6 16	8 39	10 2								*				
23	0 1	4 19	7 3	9 50	11 85										*	♈	
24	29 m 56	4 14	7 50	11 11	13 10											Δ	♈
25	29 51	4 8	8 30	12 12	14 46									♈			
26	29 47	4 2	9 23	13 23	16 24								♈				
27	29 42	3 56	10 10	14 33	18 3								♈				
28	29 38	3 50	10 57	15 44	19 48										♈		
29	29 33	3 44	11 44	16 54	21 25											Δ	♈
30	29 29	3 38	12 31	18 5	23 8									*			Δ
31	29 24	3 32	13 8	19 15	24 52							Δ				□	Δ

8		RAPHAEL'S ASTRONOMICAL EPHEMERIS.										1804.
APRIL XXX DAYS.												
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.					
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.				
	'	"	°	'	°	'	°	'	°	'	°	'
1	16	1	0 N 42	5 S 12	2 N 36	2 N 39	1 N 30	11 S 16				
4	16	0	0 42	5 9	2 36	2 45	1 30	11 8				
7	15	59	0 42	5 6	2 36	2 50	1 30	11 1				
10	15	58	0 42	5 2	2 36	2 55	1 30	10 53				
13	15	58	0 42	4 59	2 35	2 59	1 30	10 46				
16	15	57	0 42	4 57	2 35	3 4	1 30	10 38				
19	15	56	0 41	4 55	2 35	3 8	1 30	10 30				
22	15	56	0 41	4 53	2 35	3 12	1 30	10 22				
25	15	55	0 41	4 50	2 34	3 16	1 30	10 15				
28	15	54	0 41	4 47	2 34	3 20	1 30	10 7				
D M	D W	Sidereal Time.	☉ Long.		☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.			
		H. M. S.	° ' "		°	° ' "	°	° ' "	° ' "			
1	S	0 38 33	11	33 44	4 N 35	20 17	4 S 0	27 S 5	14	49		
2	M	0 42 29	12	32 48	4 58	2 25	3 15	26 41	14	47		
3	Tu	0 46 26	13	31 50	5 21	14 47	2 20	24 57	14	44		
4	W	0 50 22	14	30 51	5 44	27 28	1 16	21 56	14	42		
5	Th	0 54 19	15	29 50	6 6	10 32	0 7	17 44	14	39		
6	F	0 58 15	16	28 47	6 29	24 4	1 N 4	12 30	14	36		
7	S	1 2 12	17	27 42	6 52	3 5	2 15	6 28	14	33		
8	S	1 6 8	18	26 35	7 14	22 34	3 18	0 N 5	14	31		
9	M	1 10 5	19	25 27	7 37	7 27	4 11	6 48	14	28		
10	Tu	1 14 2	20	24 16	7 59	22 37	4 46	18 14	14	25		
11	W	1 17 58	21	23 4	8 21	7 53	5 2	18 54	14	23		
12	Th	1 21 55	22	21 49	8 43	23 4	4 56	23 19	14	21		
13	F	1 25 51	23	20 38	9 5	7 59	4 30	26 6	14	19		
14	S	1 29 48	24	19 14	9 26	22 32	3 47	27 2	14	16		
15	S	1 33 44	25	17 53	9 48	6 39	2 51	26 9	14	14		
16	M	1 37 41	26	16 30	10 9	20 18	1 47	23 41	14	12		
17	Tu	1 41 37	27	15 4	10 30	3 33	0 39	20 1	14	9		
18	W	1 45 34	28	13 36	10 51	16 26	0 S 30	15 27	14	7		
19	Th	1 49 31	29	12 6	11 12	29 1	1 35	10 21	14	4		
20	F	1 53 27	0	10 34	11 33	11 23	2 34	4 56	14	1		
21	S	1 57 24	1	8 59	11 53	23 33	3 25	0 S 35	13	58		
22	S	2 1 20	2	7 22	12 13	5 37	4 7	6 0	13	55		
23	M	2 5 17	3	5 44	12 33	17 35	4 37	11 10	13	53		
24	Tu	2 9 13	4	4 8	12 53	29 30	4 54	15 54	13	50		
25	W	2 13 10	5	2 21	13 13	11 23	4 59	20 0	13	47		
26	Th	2 17 6	6	0 37	13 32	23 16	4 51	23 18	13	45		
27	F	2 21 3	6	58 51	13 52	5 9	4 30	25 37	13	42		
28	S	2 25 0	7	57 4	14 11	17 6	3 58	26 47	13	40		
29	S	2 28 56	8	55 15	14 29	29 7	3 14	26 42	13	38		
30	M	2 32 53	9	53 25	14 48	11 17	2 21	25 19	13	36		

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 10	7 S 21	1 N 17	19 N 7	2 S 14	3 S 23	11 m 5
4	1 10	6 26	1 25	20 10	2 3	1 4	10 55
7	1 9	5 31	1 37	21 11	1 49	1 N 24	10 46
10	1 9	4 36	1 47	22 0	1 29	4 1	10 36
13	1 9	3 40	1 56	22 56	1 5	6 42	10 27
16	1 8	2 44	2 4	23 44	0 38	9 26	10 17
19	1 8	1 48	2 13	24 20	0 7	12 10	10 7
22	1 8	0 56	2 21	24 58	0 N 25	14 49	9 58
25	1 7	0 N 3	2 28	25 22	0 57	17 16	9 48
28	1 7	0 54	2 34	25 47	1 27	19 25	9 39

D M	h	Long.	Long.	Long.	Long.	Long.	Mutual Aspts.	Lunar Aspects.						
								☉	☿	♈	♉	♊	♋	♌
1	29	19	3	26	14	4	20	♈	♉	♊	♋	♌	♍	♎
2	29	15	3	19	14	51	21	♈	♉	♊	♋	♌	♍	♎
3	29	10	3	12	15	38	22	♈	♉	♊	♋	♌	♍	♎
4	29	1	3	5	16	25	23	♈	♉	♊	♋	♌	♍	♎
5	29	1	2	58	17	12	25	♈	♉	♊	♋	♌	♍	♎
6	28	57	2	51	17	50	26	♈	♉	♊	♋	♌	♍	♎
7	28	52	2	44	18	46	27	♈	♉	♊	♋	♌	♍	♎
8	28	48	2	37	19	33	28	♈	♉	♊	♋	♌	♍	♎
9	28	44	2	30	20	20	29	♈	♉	♊	♋	♌	♍	♎
10	28	39	2	23	21	6	0	♈	♉	♊	♋	♌	♍	♎
11	28	35	2	16	21	53	2	♈	♉	♊	♋	♌	♍	♎
12	28	31	2	8	22	40	3	♈	♉	♊	♋	♌	♍	♎
13	28	27	2	0	23	26	4	♈	♉	♊	♋	♌	♍	♎
14	28	23	1	53	24	13	5	♈	♉	♊	♋	♌	♍	♎
15	28	19	1	45	24	59	6	♈	♉	♊	♋	♌	♍	♎
16	28	15	1	38	25	46	7	♈	♉	♊	♋	♌	♍	♎
17	28	11	1	30	26	32	8	♈	♉	♊	♋	♌	♍	♎
18	28	7	1	22	27	19	10	♈	♉	♊	♋	♌	♍	♎
19	28	4	1	14	28	5	11	♈	♉	♊	♋	♌	♍	♎
20	28	0	1	7	28	52	12	♈	♉	♊	♋	♌	♍	♎
21	27	57	0	59	29	38	13	♈	♉	♊	♋	♌	♍	♎
22	27	54	0	52	0	24	14	♈	♉	♊	♋	♌	♍	♎
23	27	50	0	44	1	11	15	♈	♉	♊	♋	♌	♍	♎
24	27	47	0	36	1	57	16	♈	♉	♊	♋	♌	♍	♎
25	27	44	0	26	2	43	17	♈	♉	♊	♋	♌	♍	♎
26	27	40	0	21	3	29	18	♈	♉	♊	♋	♌	♍	♎
27	27	37	0	13	4	15	20	♈	♉	♊	♋	♌	♍	♎
28	27	34	0	6	5	121	10	♈	♉	♊	♋	♌	♍	♎
29	27	31	29	58	5	47	22	♈	♉	♊	♋	♌	♍	♎
30	27	28	29	51	6	33	23	♈	♉	♊	♋	♌	♍	♎

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	15	54	0 N 41	4 S 44	2 N 33	3 N 22	1 N 29	9 S 59
4	15	54	0 41	4 41	2 33	3 24	1 29	9 52
7	15	53	0 41	4 38	2 32	3 27	1 29	9 45
10	15	52	0 41	4 36	2 32	3 28	1 29	9 38
13	15	51	0 41	4 34	2 31	3 30	1 28	9 31
16	15	51	0 41	4 33	2 31	3 31	1 28	9 24
19	15	50	0 41	4 31	2 30	3 32	1 27	9 19
22	15	50	0 41	4 30	2 30	3 32	1 26	9 14
25	15	49	0 41	4 28	2 29	3 33	1 25	9 9
28	15	49	0 41	4 27	2 29	3 33	1 25	9 4
31	15	48	0 41	4 26	2 28	3 32	1 24	9 1

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	Tu	2 36 49	10 8 51	33	15 N 6	23 39	1 S 20	22 S 43
2	W	2 40 46	11 49 40	15	24 6	18	0 14	18 57
3	Th	2 44 42	12 47 46	15	42 19	18	0 N 54	14 12
4	F	2 48 39	13 45 50	15	59 2	43	2 2 8	38
5	S	2 52 35	14 43 53	16	16 16	36	3 5 2	28
6	S	2 56 32	15 41 55	16	33 0	57	3 58 4	N 1
7	M	3 0 29	16 39 55	16	50 15	45	4 37 10	28
8	Tu	3 4 25	17 37 54	17	7 0	53	4 58 16	26
9	W	3 8 22	18 35 52	17	23 16	11	4 58 21	27
10	Th	3 12 18	19 33 48	17	39 1	29	4 37 25	0
11	F	3 16 15	20 31 42	17	54 16	35	3 56 26	42
12	S	3 20 11	21 29 35	18	9 1	59	3 126	28
13	S	3 24 8	22 27 27	18	24 15	37	1 55 24	28
14	M	3 28 4	23 25 16	18	39 29	25	0 45 21	2
15	Tu	3 32 1	24 23 4	18	53 12	46	0 S 26	16
16	W	3 35 58	25 20 50	19	7 25	41	1 33 11	31
17	Th	3 39 54	26 18 34	19	21 8	15	2 34 6	6
18	F	3 43 51	27 16 17	19	34 20	33	3 26 0	35
19	S	3 47 47	28 13 58	19	47 2	40	4 8 4	S 51
20	S	3 51 44	29 11 37	20	0 14	38	4 38 10	3
21	M	3 55 40	0 9 15	20	12 26	32	4 57 14	51
22	Tu	3 59 37	1 6 52	20	24 8	24	5 2 19	5
23	W	4 3 33	2 4 26	20	35 20	17	4 54 22	23
24	Th	4 7 30	3 2 0	20	47 2	11	4 34 25	5
25	F	4 11 27	3 59 33	20	58 14	9	4 126	31
26	S	4 15 23	4 57 4	21	9 26	13	3 17 26	42
27	S	4 19 20	5 54 35	21	19 8	22	2 23 25	36
28	M	4 23 16	6 52 5	21	29 20	41	1 23 23	14
29	Tu	4 27 13	7 49 34	21	38 3	10	0 17 19	45
30	W	4 31 9	8 47 2	21	47 15	54	0 N 51	15
31	Th	4 35 6	9 44 30	21	56 28	56	1 58 10	1

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.					
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	° /	° /	° /	° /	° /	° /						
1	18 6	1 N 54	2 N 40	26 N 1	1 N 52	21 N 16	9 29					
4	1 5	2 50	2 45	26 10	2 11	22 43	9 20					
7	1 4	3 44	2 49	26 17	2 24	23 48	9 10					
10	1 3	4 38	2 52	26 14	2 28	24 32	9 1					
13	1 2	5 32	2 54	26 10	2 25	24 56	8 51					
16	1 1	6 25	2 51	25 59	2 13	25 3	8 42					
19	1 0	7 18	2 54	25 41	1 52	24 54	8 32					
22	0 59	8 9	2 52	25 19	1 22	24 32	8 23					
25	0 58	9 0	2 49	24 52	0 45	23 58	8 13					
28	0 57	9 50	2 44	24 21	0 1	23 15	8 4					
31	0 56	10 42	2 36	23 46	0 8 49	22 23	7 54					
D	h	♄	♅	♆	♇	Mutual	Lunar Aspects.					
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	27 25 29	2 43	7 19	24 27	26 43	♄ Δ h			Δ	□		Δ
2	27 22 29	3 36	8 6	25 32	28 32		□				*	
3	27 20 29	28	8 52	26 37	0 16			Δ				
4	27 17 29	21 9	9 38	27 41	1 56	♀ □ h				Δ		Δ □
5	27 15 29	13 10	24 28	46 3	33		*					
6	27 13 29	8 11	10 29	51 5	7	♀ Δ ♄			♈			□ *
7	27 11 28	59 11	56 0	55 6	38			♈			♈	
8	27 9 28	53 12	42 1	59 8	5					♈		*
9	27 7 28	47 13	28 3	2 9	28	♈ ♈ h	♈					
10	27 5 28	40 14	14 4	6 10	46				Δ			
11	27 3 28	33 15	0 5	9 12	0			Δ			*	♈
12	27 1 28	26 15	46 6	12 13	11	♄ Δ h			□	Δ		♈
13	26 59 28	19 16	31 7	15 14	18			□			□	
14	26 58 28	13 17	17 8	17 15	21		*	*	*	□		
15	26 56 28	6 18	2 9	18 16	19		*	*		Δ		*
16	26 54 28	0 18	48 10	20 17	13		□			*		
17	26 53 27	54 19	33 11	21 18	3						*	
18	26 52 27	48 20	18 12	22 18	49	☉ Δ h						□
19	26 51 27	42 21	3 13	23 19	30	♀ □ h	Δ		♈			
20	26 50 27	36 21	49 14	23 20	6			♈				□ Δ
21	26 49 27	31 22	34 15	22 20	38					♈ ♈		
22	26 49 27	25 23	19 16	21 21	5							
23	26 48 27	20 24	4 17	20 21	27							Δ
24	26 48 27	15 24	49 18	19 21	45		♈	*				
25	26 47 27	10 25	34 19	18 21	58		*					
26	26 46 27	0 26	19 20	16 22	7					□ *	Δ	♈
27	26 46 27	1 27	4 21	13 22	11	♈ ♈ ♄		□		*		
28	26 45 26	57 27	49 22	10 22	9				Δ	□	□	♈
29	26 45 26	52 28	34 23	6 22	3		Δ					
30	26 45 26	48 29	19 24	2 21	53			Δ		*		Δ
31	26 46 26	44 0	4 24	57 21	40					Δ		

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 40	4 S 25	2 N 27	3 N 32	1 N 24	9 S 0
4	15	48	0 40	4 24	2 27	3 31	1 23	8 57
7	15	47	0 40	4 23	2 26	3 29	1 22	8 54
10	15	47	0 40	4 23	2 25	3 27	1 22	8 52
13	15	46	0 40	4 22	2 24	3 25	1 21	8 50
16	15	46	0 40	4 22	2 24	3 23	1 20	8 49
19	15	46	0 40	4 22	2 23	3 20	1 19	8 49
22	15	46	0 39	4 22	2 23	3 17	1 18	8 50
25	15	46	0 39	4 23	2 22	3 13	1 17	8 51
28	15	45	0 39	4 23	2 21	3 9	1 17	8 52

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	F	4 39 2	10 11 41	57 22 N	4 12 19	3 N 0	4 S 10	12 44
2	S	4 42 59	11 39 24	22 12 26	5 3 54	2 N 1	12 13	43
3	S	4 46 56	12 36 50	22 20 10	15 4 36	8 17	12 42	
4	M	4 50 52	13 34 15	22 27 24	49 5 0	14 16	12 41	
5	Tu	4 54 49	14 31 40	22 34 9	5 42	6 19	34 12	40
6	W	4 58 45	15 29 4	22 40 24	47 4 50	23 41	12 39	
7	Th	5 2 42	16 26 27	22 46 9	11 54	4 15	26 9	39
8	F	5 6 38	17 23 50	22 52 24	55 3 22	26 44	12 38	
9	S	5 10 35	18 21 12	22 57 9	38	2 16	25 22	38
10	S	5 14 31	19 18 34	23 2 23	59 1 3	22 22	12 38	
11	M	5 18 28	20 15 54	23 6 7	52	0 S 12	18 8	37
12	Tu	5 22 25	21 13 13	23 10 21	18 1 23	13 6	12 37	
13	W	5 26 21	22 10 32	23 14 4	19	2 29	7 38	37
14	Th	5 30 18	23 7 49	23 17 16	57 3 25	2 1	12 37	
15	F	5 34 14	24 5 6	23 20 29	17 4 10	3 S 32	12 36	
16	S	5 38 11	25 2 22	23 22 11	24 4 43	8 51	12 36	
17	S	5 42 7	25 59 37	23 24 33	22 5 3	13 46	12 36	
18	M	5 46 4	26 56 51	23 26 5	15 5 10	18 9	12 36	
19	Tu	5 50 1	27 54 5	23 27 17	7 5 4	21 49	12 36	
20	W	5 53 57	28 51 18	23 28 29	1 4 41	24 35	12 35	
21	Th	5 57 54	29 48 30	23 28 11	f 0 4	12 26	17 12	35
22	F	6 1 50	0 45 42	23 28 23	6 3 29	26 46	12 D 35	
23	S	6 5 47	1 42 53	23 27 5	19	2 36	25 57	35
24	S	6 9 43	2 40 5	23 26 17	42 1 33	23 50	12 35	
25	M	6 13 40	3 37 16	23 25 0	15 0 26	20 33	12 36	
26	Tu	6 17 36	4 34 27	23 23 13	0 0 N 43	16 14	12 36	
27	W	6 21 33	5 31 38	23 21 25	58 1 52	11 7	12 37	
28	Th	6 25 30	6 28 50	23 18 9	11 2 56	5 24	12 37	
29	F	6 29 26	7 26 1	23 15 22	41 3 52	0 N 39	12 38	
30	S	6 33 23	8 23 13	23 12 6	27 4 36	6 47	12 38	

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 55	10 N 55	2 N 36	23 N 33	1 S 6	22 N 5	7 51
4	0 53	11 41	2 26	22 55	1 58	21 8	7 41
7	0 52	12 28	2 18	22 10	2 47	20 12	7 32
10	0 50	13 13	2 6	21 27	3 29	19 21	7 22
13	0 48	13 57	1 52	20 36	4 1	18 40	7 13
16	0 46	14 39	1 35	19 51	4 20	18 13	7 3
19	0 45	15 21	1 18	18 54	4 28	18 2	6 54
22	0 43	15 58	0 53	18 7	4 23	18 7	6 44
25	0 41	16 39	0 34	17 9	4 9	18 26	6 35
28	0 39	17 19	0 4	16 24	3 46	18 59	6 25

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	26 46	26 40	0 48	25 52	21 23	♀ ☐ ♄	☐							
2	26 47	26 37	1 33	26 47	21 4	♀ * ♈			♂			Δ	☐	
3	26 47	26 33	2 11	27 41	20 40	☉ Δ ♈	*	♂						
4	26 48	26 30	3 2	28 34	20 10						♂	☐	*	
5	26 48	26 26	3 46	29 26	19 39						♂			
6	26 49	26 23	4 31	0 18	19 8				♂	Δ			*	
7	26 50	26 20	5 15	1 9	18 36									
8	26 51	26 17	5 59	1 59	18 3	☉ ♂ ♀	☉	♂	☐	Δ	*			♂
9	26 52	26 15	6 43	2 49	17 29				☐			*		
10	26 53	26 12	7 27	3 38	16 54				*	☐				
11	26 54	26 10	8 11	4 27	16 21			*				☐	♂	*
12	26 55	26 8	8 55	5 15	15 51		*			*				*
13	26 57	26 6	9 39	6 2	15 24							Δ		
14	26 58	26 4	10 23	6 48	14 59									☐
15	27 0	26 3	11 7	7 33	14 36		☐		♂					
16	27 2	26 2	11 51	8 17	14 15			♂					*	Δ
17	27 4	26 1	12 35	9 0	13 58	☉ Δ ♄	Δ			♂				
18	27 6	26 0	13 19	9 42	13 46	☉ ☐ ♈							☐	
19	27 8	25 59	14 2	10 24	13 38							♂		
20	27 10	25 58	14 46	11 4	13 D 34				*					
21	27 12	25 58	15 29	11 43	13 35			*					Δ	♂
22	27 14	25 D 58	16 12	12 21	13 42				☐	*				
23	27 17	25 58	16 56	12 58	13 53	♀ * ♈	♂		☐			Δ		
24	27 19	25 58	17 39	13 34	14 8				☐					
25	27 22	25 58	18 22	14 8	14 27					Δ	☐			
26	27 24	25 59	19 5	14 41	14 51				Δ			☐	♂	Δ
27	27 27	26 0	19 48	15 13	15 21						Δ			
28	27 30	26 1	20 31	15 43	15 56		Δ						*	
29	27 33	26 2	21 14	16 12	16 35			♂						☐
30	27 36	26 3	21 57	16 39	17 19		☐	♂						

JULY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 45	0 N 39	4 S 24	2 N 20	3 N 5	1 N 16	8 S 54
4	15 45	0 39	4 25	2 20	3 0	1 15	8 57
7	15 45	0 39	4 26	2 19	2 55	1 14	9 1
10	15 46	0 39	4 28	2 19	2 50	1 13	9 5
13	15 46	0 39	4 29	2 18	2 45	1 12	9 8
16	15 46	0 39	4 30	2 18	2 39	1 12	9 13
19	15 46	0 39	4 32	2 17	2 33	1 11	9 18
22	15 46	0 38	4 33	2 17	2 27	1 10	9 24
25	15 47	0 38	4 35	2 16	2 21	1 10	9 30
28	15 47	0 38	4 38	2 16	2 15	1 9	9 37
31	15 47	0 38	4 41	2 16	2 7	1 9	9 44

D M	D W	Sideresal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	S	6 37 19	9 20 25	23° N 8	20 31	5 N 4	12 N 43	12 38
2	M	6 41 16	10 17 38	23 4	4 51	5 14	18 4	12 39
3	Tu	6 45 12	11 14 50	22 59	19 25	5 42	28 12	12 40
4	W	6 49 9	12 12 32	22 54	4 7	4 35	25 29	12 41
5	Th	6 53 5	13 9 17	22 49	18 52	3 47	26 46	12 42
6	F	6 57 2	14 6 31	22 43	3 32	2 44	26 9	12 43
7	S	7 0 59	15 3 45	22 37	18 0	1 32	23 46	12 44
8	S	7 4 55	16 0 59	22 30	2 11	0 15	19 56	12 45
9	M	7 8 52	16 58 13	22 23	16 0	1 S 1	15 5	12 46
10	Tu	7 12 48	17 55 28	22 16	29 26	2 12	9 38	12 47
11	W	7 16 45	18 52 42	22 8	12 28	3 13	3 55	12 47
12	Th	7 20 41	19 49 56	22 0	25 9	4 3	1 S 48	12 48
13	F	7 24 38	20 47 11	21 51	7 32	4 41	7 17	12 49
14	S	7 28 34	21 44 25	21 42	19 41	5 5	12 24	12 50
15	S	7 32 31	22 41 40	21 33	1 40	5 16	17 0	12 51
16	M	7 36 28	23 38 55	21 24	13 34	5 13	20 53	12 52
17	Tu	7 40 24	24 36 9	21 14	25 27	4 56	23 56	12 53
18	W	7 44 21	25 33 24	21 8	7 23	4 27	25 57	12 55
19	Th	7 48 17	26 30 39	20 52	19 27	3 46	26 48	12 56
20	F	7 52 14	27 27 55	20 41	1 40	2 54	26 21	12 58
21	S	7 56 10	28 25 11	20 30	14 4	1 53	24 35	13 0
22	S	8 0 7	29 22 27	20 18	26 43	0 45	21 34	13 2
23	M	8 4 3	0 19 44	20 6	9 35	0 N 26	17 27	13 4
24	Tu	8 8 0	1 17 2	19 54	22 41	1 37	12 26	13 5
25	W	8 11 57	2 14 20	19 41	6 3	2 44	6 46	13 7
26	Th	8 15 53	3 11 40	19 28	19 35	3 43	0 42	13 9
27	F	8 19 50	4 9 1	19 14	3 21	4 30	5 N 28	13 11
28	S	8 23 46	5 6 23	19 1	17 18	5 2	11 27	13 13
29	S	8 27 43	6 3 45	18 47	1 24	5 16	16 55	13 15
30	M	8 31 39	7 1 10	18 32	15 37	5 12	21 30	13 17
31	Tu	8 35 36	7 58 35	18 18	29 55	4 47	24 50	13 19

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0° 37'	17° 51' N	0° 19'	15° 26' N	3° 16' S	19° 41' N	6 ^m 16
4	0 35	18 23	0 52	14 45	2 42	20 28	6 6
7	0 33	18 57	1 24	13 48	2 4	21 17	5 56
10	0 31	19 27	2 2	13 4	1 25	22 3	5 47
13	0 29	19 56	2 38	12 24	0 45	22 40	5 37
16	0 26	20 30	3 20	11 54	0 7	23 4	5 28
19	0 24	20 48	4 0	11 17	0° N 27	23 8	5 18
22	0 22	21 12	4 40	10 51	0 57	22 50	5 9
25	0 20	21 34	5 22	10 35	1 20	22 8	4 59
28	0 18	21 54	5 52	10 27	1 35	21 2	4 50
31	0 16	22 10	6 24	10 20	1 44	19 37	4 40

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	27 39	26 26	4 22	8 39	17 12	5 18	☐	8				♊	Δ *
2	27 42	26 6	23 22	17 29	18 58		*					♊	
3	27 46	26 8	24 5	17 51	19 55							♊	☐
4	27 49	26 10	24 47	18 11	21 0				Δ				
5	27 53	26 12	25 40	18 30	22 8	☉ ☐ ☿	Δ					*	♌
6	27 56	26 14	26 13	18 47	23 18				☐	Δ			
7	28 0	26 16	26 55	19 2	24 31		♌ ☐		☐	Δ			
8	28 4	26 19	27 37	19 15	25 49	♌ Δ ♈	♌	*		*			
9	28 8	26 22	28 19	19 26	27 12	♌ Δ ♈	*				♌		
10	28 12	26 25	29 1	19 35	28 39	♌ ☐ ♈			*		☐		*
11	28 16	26 28	29 43	19 41	0 10	☉ ☉							
12	28 20	26 31	0 25	19 45	1 45		*	♌		Δ			
13	28 24	26 35	1 7	19 47	3 24			♌					☐
14	28 28	26 39	1 49	19 48	5 6		☐				*		
15	28 33	26 43	2 31	19 46	6 51				♌			Δ	
16	28 37	26 47	3 12	19 41	8 40							☐	
17	28 42	26 51	3 54	19 34	10 32		Δ	*					
18	28 46	26 55	4 36	19 24	12 27	♌ ☐ ☿		*			♌		
19	28 51	26 59	5 17	19 12	14 24							Δ	
20	28 55	27 4	5 59	18 57	16 23	☉ ☐ ♈			☐	*			
21	29 0	27 9	6 40	18 40	18 24			♌	☐				♌
22	29 5	27 14	7 21	18 21	20 28	☉ * ♈	♌		Δ	☐			
23	29 10	27 19	8 2	18 0	22 33				Δ		Δ		♌
24	29 15	27 24	8 43	17 37	24 38					Δ			
25	29 20	27 29	9 24	17 11	26 44	♌ ☐ ♈					☐		
26	29 25	27 35	10 5	16 42	28 50	♌ * ♈							
27	29 30	27 41	10 45	16 12	0 56		Δ		♌				Δ
28	29 35	27 47	11 26	15 41	3 3			♌			*	Δ	
29	29 40	27 53	12 6	15 8	5 9		☐			♌			☐
30	29 46	27 59	12 47	14 34	7 14	☉ ☉ ♌			Δ			☐	
31	29 51	28 5	13 27	14 0	9 18	♌ Δ ☿			Δ				

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 38	4 8 42	2 N 15	2 N 5	1 N 8	9 8 47
4	15	47	0 38	4 45	2 15	1 58	1 7	9 55
7	15	48	0 38	4 48	2 14	1 51	1 6	10 3
10	15	48	0 38	4 51	2 14	1 44	1 6	10 12
13	15	49	0 38	4 53	2 13	1 36	1 5	10 21
16	15	49	0 38	4 56	2 13	1 28	1 5	10 30
19	15	50	0 38	4 58	2 13	1 40	1 4	10 39
22	15	50	0 38	5 1	2 13	1 12	1 3	10 49
25	15	51	0 38	5 4	2 12	1 3	1 3	10 59
28	15	51	0 38	5 8	2 12	0 55	1 2	11 9
31	15	52	0 38	5 13	2 12	0 47	1 2	11 20

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	W	8 39 33	8 56	2 18 N	3 14	15	4 N 5	26 N 36
2	Th	8 43 29	9 53	30 17	47 28	33	3 8	26 36
3	F	8 47 26	10 50	59 17	32 12	46	2 0	24 50
4	S	8 51 22	11 48	29 17	16 26	49	0 45	21 33
5	S	8 55 19	12 46	1 17	0 10	39	0 8	32 17
6	M	8 59 15	13 43	33 16	43 24	14	1 45	11 49
7	Tu	9 3 12	14 41	7 16	27 7	30	2 51	6 7
8	W	9 7 8	15 38	42 16	10 20	27	3 46	0 19
9	Th	9 11 5	16 36	17 15	53 3	6	4 29	5 8
10	F	9 15 2	17 33	54 15	35 15	29	4 58	10 41
11	S	9 18 58	18 31	31 15	17 27	38	5 14	15 31
12	S	9 22 55	19 29	9 15	0 9	38	5 15	19 41
13	M	9 26 51	20 26	49 14	41 21	32	5 3	23 2
14	Tu	9 30 48	21 24	29 14	23 3	25	4 37	25 24
15	W	9 34 44	22 22	10 14	4 15	22	4 0	26 38
16	Th	9 38 41	23 19	52 13	45 27	27	3 12	26 38
17	F	9 42 38	24 17	35 13	26 9	44	2 14	25 20
18	S	9 46 34	25 15	19 13	7 22	17	1 9	22 45
19	S	9 50 30	26 13	4 12	48 5	8	0 N	2 18
20	M	9 54 27	27 10	50 12	28 18	19	1 13	14 12
21	Tu	9 58 24	28 8	39 12	8 1	48	2 23	8 37
22	W	10 2 20	29 6	29 11	48 15	35	3 25	2 32
23	Th	10 6 17	0 4	20 11	28 29	36	4 17	3 N 46
24	F	10 10 13	1 2	13 11	7 13	47	4 53	9 56
25	S	10 14 10	2 0	8 10	46 28	4	5 11	15 38
26	S	10 18 7	2 58	5 10	26 12	22	5 10	20 29
27	M	10 22 3	3 56	3 10	5 26	39	4 50	24 8
28	Tu	10 26 0	4 54	4 9	43 10	50	4 13	26 16
29	W	10 29 56	5 52	6 9	22 24	54	3 20	26 42
30	Th	10 33 53	6 50	11 9	1 8	51	2 16	25 26
31	F	10 37 49	7 48	18 8	39 22	37	1 5	22 38

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 14	22 N 18	6 S 45	10 N 19	1 N 45	19 N 5	4 37
4	0 11	22 33	7 24	10 24	1 46	17 19	4 27
7	0 8	22 48	7 30	10 35	1 40	15 22	4 18
10	0 5	22 59	7 39	10 50	1 30	13 17	4 8
13	0 3	23 10	7 48	11 7	1 16	11 8	3 59
16	0 1	23 19	7 44	11 28	0 58	8 56	3 49
19	0 N 2	23 27	7 31	11 49	0 38	6 44	3 40
22	0 5	23 32	7 22	12 9	0 16	4 32	3 30
25	0 8	23 36	7 6	12 30	0 S 8	2 22	3 21
28	0 11	23 40	6 41	12 50	0 33	0 16	3 11
31	0 14	23 39	6 21	13 6	0 59	1 S 46	3 2

D	h		♄		♂		♀		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	♄	♈	♊	♌		♍	♎	♏				
1	29	57	28	11	14	11	8	13	25	11	21	♂ * ♈	* Δ			♌	* *	
2	0	28	17	14	48	12	14	49	13	24	♀ Δ ♈		□	Δ				
3	0	8	28	24	15	28	12	19	15	25			□					
4	0	14	28	30	16	8	11	34	17	24	♄ ♂ ♉	♌	*	□		*	♌	
5	0	20	28	37	16	48	10	57	19	22		♌	*			*	♌	
6	0	26	28	44	17	28	10	20	21	19	♄ * ♈				*		♌	
7	0	32	28	51	18	8	9	44	23	14					*			
8	0	38	28	58	18	47	9	9	25	8						□		
9	0	44	29	6	19	27	8	35	27	1			♌			*		
10	0	50	29	14	20	6	8	2	28	52	♂ * ♄	* ♂			Δ			
11	0	56	29	22	20	46	7	29	0	42					♌		*	
12	1	2	29	30	21	25	6	57	2	30							□	
13	1	8	29	38	22	4	6	26	4	16		□						
14	1	14	29	46	22	48	5	58	6	1			*			Δ	□	
15	1	20	29	54	23	22	5	32	7	45			*					
16	1	26	0	3	24	1	5	8	9	28		Δ		□	*	♌		
17	1	33	0	11	24	40	4	47	11	9			□				Δ	
18	1	39	0	19	25	19	4	29	12	48	♄ * ♉							
19	1	46	0	28	25	58	4	13	14	25				Δ	□		♌	
20	1	52	0	37	26	36	4	0	16	1			Δ					
21	1	59	0	46	27	15	3	49	17	36		♌			Δ	Δ		
22	2	5	0	55	27	53	3	40	19	10							♌	
23	2	12	1	4	28	32	3	32	20	42					♌		□	
24	2	18	1	13	29	10	3	28	22	13	♄ * ♄	♌						
25	2	25	1	23	29	48	3	24	23	43		Δ			♌	*	□	
26	2	32	1	32	0	25	3	22	25	11								
27	2	39	1	42	1	3	3	23	26	38				Δ			Δ	
28	2	46	1	51	1	40	3	27	28	3	♌ Δ ♄	□	Δ			*		
29	2	53	2	1	2	18	3	34	29	27							□	
30	3	0	2	10	2	55	3	44	0	50	♌ □ ♈	*	□	□	Δ	♌		
31	3	7	2	20	3	33	3	57	2	11								

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 37	5 S 16	2 N 12	0 N 44	1 N 1	11 S 24
4	15	54	0 37	5 21	2 12	0 35	1 1	11 35
7	15	55	0 37	5 25	2 11	0 27	1 0	11 46
10	15	56	0 37	5 29	2 11	0 18	1 0	11 57
13	15	57	0 37	5 32	2 11	0 9	0 59	12 9
16	15	57	0 37	5 36	2 11	0 0	0 59	12 20
19	15	58	0 37	5 40	2 11	0 S 8	0 58	12 32
22	15	59	0 37	5 43	2 11	0 17	0 58	12 44
25	16	0	0 37	5 47	2 11	0 26	0 57	12 56
28	16	0	0 37	5 52	2 11	0 35	0 57	13 8

D M	D W	Sidereal Time.			☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H.	M.	S.	°	'	°	'	°	'
1	S	10	41	46	8 ^m 46	26	8 N 17	6 S 14	0 S 9	18 N 35
2	S	10	45	42	9 44	36	7 55	19 39	1 21	13 39
3	M	10	49	39	10 42	49	7 33	2 ^m 52	2 28	8 10
4	Tu	10	53	35	11 41	3	7 11	15 51	3 26	2 26
5	W	10	57	32	12 39	19	6 49	28 37	4 12	3 S 18
6	Th	11	1	28	13 37	37	6 26	11 ^h 9	4 45	8 47
7	F	11	5	25	14 35	56	6 4	23 27	5 4	13 49
8	S	11	9	22	15 34	17	5 42	5 ^m 34	5 9	18 14
9	S	11	13	18	16 32	40	5 19	17 31	5 1	21 53
10	M	11	17	15	17 31	4	4 56	29 24	4 39	24 35
11	Tu	11	21	11	18 29	29	4 33	11 ^h 15	4 6	26 13
12	W	11	25	8	19 27	56	4 10	23 10	3 22	26 39
13	Th	11	29	4	20 26	25	3 47	5 ^m 13	2 29	25 50
14	F	11	33	1	21 24	25	3 24	17 30	1 28	23 46
15	S	11	36	57	22 23	27	3 1	0 ^m 5	0 21	20 29
16	S	11	40	54	23 22	0	2 38	13 3	0 N 49	16 8
17	M	11	44	51	24 20	35	2 15	26 24	1 58	10 52
18	Tu	11	48	47	25 19	12	1 52	10 ^m 11	3 2	4 57
19	W	11	52	44	26 17	51	1 29	24 20	3 57	1 N 22
20	Th	11	56	40	27 16	32	1 5	8 ^m 48	4 38	7 45
21	F	12	0	37	28 15	15	0 42	23 28	5 1	13 46
22	S	12	4	33	29 14	0	0 18	8 ^m 11	5 4	19 2
23	S	12	8	30	0 ^h 12	47	0 S 5	22 51	4 48	23 8
24	M	12	12	26	1 11	37	0 29	7 ^m 22	4 13	25 43
25	Tu	12	16	23	2 10	29	0 52	21 38	3 22	26 34
26	W	12	20	20	3 9	23	1 15	5 ^m 39	2 21	25 41
27	Th	12	24	16	4 8	20	1 39	19 24	1 12	23 15
28	F	12	28	13	5 7	19	2 2	2 ^m 53	0 1	19 33
29	S	12	32	9	6 6	21	2 26	16 8	1 S 9	14 55
30	S	12	36	6	7 5	25	2 49	29 11	2 15	9 40

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N15	23 N39	6 S15	13 N 9	1 S 7	2 S26	2 59
4	0 18	23 37	5 41	13 19	1 34	4 20	2 49
7	0 21	23 35	5 26	13 29	1 59	6 8	2 39
10	0 24	23 32	5 1	13 33	2 24	7 47	2 20
13	0 28	23 26	4 34	13 34	2 48	9 16	2 10
16	0 32	23 20	4 8	13 30	3 9	10 32	2 1
19	0 35	23 12	3 43	13 22	3 27	11 31	1 51
22	0 38	23 3	3 20	13 10	3 40	12 10	1 42
25	0 42	22 53	2 53	12 52	3 45	12 21	1 32
28	0 46	22 41	2 33	12 34	3 40	12 0	1 23

D M	h	♄	♂	♀	♊	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /								
1	3 14	2 30	4 10	4 12	3 30	♊♈♉		*	□		♌*		
2	3 21	2 40	4 47	4 29	4 49	♊♈♉	*						
3	3 28	2 50	5 24	4 47	6 5	♊♈♉				*	*		
4	3 35	3 0	6 1	5 6	7 19		♈						
5	3 42	3 11	6 38	5 27	8 32			♈					
6	3 49	3 21	7 15	5 49	9 43			♈			□*	♌	
7	3 56	3 32	7 51	6 12	10 52	☉♈♉					□*	♌	
8	4 3	3 42	8 27	6 37	11 57		*			♈	Δ	□	
9	4 10	3 53	9 3	7 4	13 4								
10	4 17	4 4	9 39	7 33	14 7			*					
11	4 24	4 15	10 15	8 4	15 7	♊♈♉		*				Δ	*
12	4 31	4 26	10 51	8 37	16 4		□		□				*
13	4 39	4 37	11 27	9 12	16 59					*			
14	4 46	4 48	12 2	9 47	17 51		Δ	□			♊		□
15	4 53	4 59	12 38	10 23	18 40				Δ	□			
16	5 1	5 11	13 13	11 0	19 25			Δ				♊	Δ
17	5 8	5 22	13 49	11 39	20 6								
18	5 15	5 33	14 24	12 19	20 44					Δ	Δ		
19	5 23	5 45	14 59	13 0	21 18	♊♈♉	♊					□	Δ
20	5 30	5 56	15 33	13 43	21 47				♊				
21	5 37	6 8	16 8	14 26	22 11			♊					♊
22	5 45	6 19	16 42	15 10	22 29					♊			♊
23	5 52	6 31	17 17	15 55	22 41	♀*♈					*	□	
24	6 0	6 43	17 51	16 41	22 47		Δ		Δ				
25	6 7	6 55	18 25	17 28	22 48			Δ				*	Δ
26	6 15	7 7	18 58	18 16	22 42		□		□	Δ			
27	6 22	7 19	19 32	19 5	22 28			□			♊		□
28	6 30	7 31	20 5	19 54	22 5		*		*				
29	6 37	7 43	20 39	20 44	21 35	♊♈♉						♊	*
30	6 45	7 55	21 12	21 35	20 58	♊♈♉	*						

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 N 36	5 S 57	2 N 11	0 S 43	0 N 57	13 S 20
4	16	1	0 36	6 2	2 11	0 51	0 57	13 32
7	16	2	0 36	6 7	2 12	1 0	0 56	13 45
10	16	3	0 36	6 12	2 12	1 9	0 56	13 57
13	16	4	0 36	6 16	2 12	1 17	0 56	14 9
16	16	5	0 36	6 20	2 12	1 26	0 56	14 21
19	16	5	0 36	6 24	2 12	1 34	0 55	14 33
22	16	6	0 36	6 27	2 12	1 42	0 55	14 45
25	16	7	0 36	6 31	2 13	1 50	0 55	14 58
28	16	7	0 36	6 35	2 13	1 58	0 54	15 10
31	16	8	0 36	6 38	2 13	2 6	0 54	15 21

D M	D W	Sidereal Time.		☉		☉		♂		♂		♂ Long.
				Long.	Declin	Long.	Lat.	Declin	Long.	Lat.	Declin	
		H.	M.	S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	12	40	2	8 4 31	3 S 12	12 2	3 S 12	4 N 6	16 33	16 33	16 33
2	Tu	12	43	59	9 3 40	3 36	24 43	3 59	1 S 33	16 36	16 36	16 36
3	W	12	47	56	10 2 50	3 59	7 13	4 33	7 3	16 40	16 40	16 40
4	Th	12	51	52	11 2 3	4 22	19 33	4 54	12 11	16 44	16 44	16 44
5	F	12	55	49	12 1 18	4 45	1 43	5 16	47	16 47	16 47	16 47
6	S	12	59	45	13 0 35	5 9	13 45	4 55	20 40	16 51	16 51	16 51
7	S	13	3	42	13 59 54	5 32	25 40	4 36	23 40	16 55	16 55	16 55
8	M	13	7	38	14 59 14	5 55	7 30	4 52	37	16 59	16 59	16 59
9	Tu	13	11	35	15 58 36	6 18	19 18	3 24	26 25	17 3	17 3	17 3
10	W	13	15	31	16 58 1	6 40	1 10	2 33	26 1	17 7	17 7	17 7
11	Th	13	19	28	17 57 27	7 3	13 10	1 35	24 24	17 12	17 12	17 12
12	F	13	23	24	18 56 54	7 26	25 24	0 32	21 37	17 16	17 16	17 16
13	S	13	27	21	19 56 23	7 48	7 55	0 N 34	17 45	17 20	17 20	17 20
14	S	13	31	18	20 55 54	8 11	20 51	1 40	12 58	17 24	17 24	17 24
15	M	13	35	14	21 55 27	8 33	4 13	2 44	7 25	17 28	17 28	17 28
16	Tu	13	39	11	22 55 2	8 55	18 5	3 40	1 20	17 32	17 32	17 32
17	W	13	43	7	23 54 38	9 17	2 25	4 24	5 N 0	17 36	17 36	17 36
18	Th	13	47	4	24 54 17	9 39	17 10	4 52	11 14	17 40	17 40	17 40
19	F	13	51	0	25 53 57	10 1	2 11	5 0	16 56	17 43	17 43	17 43
20	S	13	54	57	26 53 39	10 23	17 19	4 48	21 37	17 47	17 47	17 47
21	S	13	58	53	27 53 24	10 44	2 23	4 15	24 50	17 50	17 50	17 50
22	M	14	2	50	28 53 11	11 5	17 14	3 26	26 16	17 53	17 53	17 53
23	Tu	14	6	47	29 53 0	11 27	1 46	2 24	26 51	17 56	17 56	17 56
24	W	14	10	43	0 52 51	11 48	15 56	1 15	23 45	18 0	18 0	18 0
25	Th	14	14	40	1 52 45	12 8	29 42	0 32	20 17	18 4	18 4	18 4
26	F	14	18	36	2 52 40	12 29	13 2	1 S 8	15 49	18 8	18 8	18 8
27	S	14	22	33	3 52 39	12 49	26 11	2 13	10 43	18 14	18 14	18 14
28	S	14	26	29	4 52 39	13 10	9 0	3 10	5 16	18 17	18 17	18 17
29	M	14	30	26	5 52 42	13 30	21 36	3 56	0 S 17	18 20	18 20	18 20
30	Tu	14	34	22	6 52 47	13 50	4 0	4 30	5 44	18 23	18 23	18 23
31	W	14	38	19	7 52 54	14 9	16 16	4 52	10 53	18 27	18 27	18 27

NOVEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	16 10	0 N 36	6 S 42	2 N 14	2 S 9	0 N 54	15 S 25
4	16 10	0 36	6 46	2 14	2 16	0 54	15 37
7	16 11	0 36	6 50	2 15	2 24	0 53	15 49
10	16 12	0 36	6 55	2 15	2 31	0 53	16 1
13	16 12	0 36	6 58	2 15	2 38	0 53	16 12
16	16 13	0 37	7 2	2 15	2 46	0 53	16 23
19	16 14	0 37	7 5	2 16	2 51	0 53	16 34
22	16 14	0 37	7 8	2 17	2 57	0 53	16 45
25	16 15	0 37	7 12	2 18	3 4	0 53	16 55
28	16 15	0 37	7 15	2 18	3 10	0 53	17 5

D M	D W	Sidereal Time.	☉		☽		♂		♀	
			Long.	Declin.	Long.	Lat.	Declin.	Long.	Lat.	Declin.
		H. M. S.	' "	' "	' "	' "	' "	' "	' "	' "
1	Th	14 42 16	8 m 53	3 14 S 29	28 24	5 S 0	15 S 35	18 23	18 23	30
2	F	14 46 12	9 53 15	14 48 10 m 25	4 54 19	37 18	33	18 33	18 33	33
3	S	14 50 9	10 53 28	15 7 22	21 4 86	22 49	18 37	18 37	18 37	37
4	S	14 54 5	11 53 42	15 25 4 f 18	4 5 25	1 18 41	18 41	18 41	18 41	41
5	M	14 58 2	12 53 59	15 44 16	2 3 24	26 7	18 44	18 44	18 44	44
6	Tu	15 1 58	13 54 17	16 2 27	50 2 34	26 1	18 47	18 47	18 47	47
7	W	15 5 55	14 54 37	16 20 9 w 42	1 37 24	44 18	51	18 51	18 51	51
8	Th	15 9 51	15 54 58	16 37 21	41 0 35	22 18	55	18 55	18 55	55
9	F	15 13 48	16 55 20	16 55 3 m 52	0 N 29	18 50	18 58	18 58	18 58	58
10	S	15 17 45	17 55 44	17 12 16	19 1 34	14 28	19 2	19 2	19 2	2
11	S	15 21 41	18 56 9	17 28 29	9 2 36	9 21	19 6	19 6	19 6	6
12	M	15 25 38	19 56 36	17 45 12 x 25	3 32 3	39 19	9	19 9	19 9	9
13	Tu	15 29 34	20 57 3	18 1 26	10 4 18	2 N 25	19 13	19 13	19 13	13
14	W	15 33 31	21 57 33	18 17 10 r 26	4 49 8	34 19	17	19 17	19 17	17
15	Th	15 37 27	22 58 3	18 32 25	9 5 3	14 27	19 20	19 20	19 20	20
16	F	15 41 24	23 58 35	18 47 10 s 16	4 56 19	30 19	24	19 24	19 24	24
17	S	15 45 20	24 59 9	19 2 25	34 4 29	23 36	19 28	19 28	19 28	28
18	S	15 49 17	25 59 44	19 16 10 n 54	3 41 25	46 19	31	19 31	19 31	31
19	M	15 53 14	27 0 21	19 31 26	3 2 39	26 3	19 34	19 34	19 34	34
20	Tu	15 57 10	28 0 59	19 44 10 s 53	1 27 24	28 19	37	19 37	19 37	37
21	W	16 1 7	29 1 39	19 58 25	18 0 11	21 17	19 39	19 39	19 39	39
22	Th	16 5 3	0 f 2 20	20 11 9 Q 15	1 S 4	16 56	19 42	19 42	19 42	42
23	F	16 9 0	1 3 4	20 23 22	46 2 12	11 51	19 44	19 44	19 44	44
24	S	16 12 56	2 3 49	20 36 5 m 53	3 12 6	24 19	47	19 47	19 47	47
25	S	16 16 53	3 4 35	20 48 18	39 4 0	0 49	19 50	19 50	19 50	50
26	M	16 20 49	4 5 24	20 59 1 s 7	4 35 48	39 19	53	19 53	19 53	53
27	Tu	16 24 46	5 6 14	21 10 13	23 4 58	9 51	19 56	19 56	19 56	56
28	W	16 28 43	6 7 5	21 21 25	29 5 6	14 36	19 58	19 58	19 58	58
29	Th	16 32 39	7 7 58	21 31 7 m 28	5 1	18 45	20 3	20 3	20 3	3
30	F	16 36 36	8 8 53	21 41 19	22 4 43	22 7	20 6	20 6	20 6	6

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 34	20 N 3	0 N 58	3 N 30	1 N 56	7 S 28	29 w 45
4	1 39	19 48	1 12	2 18	1 43	9 23	29 35
7	1 44	19 34	1 21	1 13	1 26	11 19	29 26
10	1 49	19 20	1 31	0 S 2	1 7	13 13	29 16
13	1 55	19 7	1 40	1 12	0 48	15 2	29 7
16	2 1	18 55	1 47	2 27	0 27	16 45	28 57
19	2 7	18 43	1 54	3 41	0 7	18 21	28 48
22	2 13	18 34	1 59	5 0	0 S 14	19 50	28 38
25	2 19	18 24	2 4	6 12	0 33	21 10	28 29
28	2 25	18 14	2 7	7 29	0 52	22 20	28 19

D M	h	♄	♂	♀	♃	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	10 [♈] 35	14 [♈] 45	7 [♈] 2	3 [♈] 23	25 [♈] 23	♈ 52						♈
2	10 42	14 58	7 28	24 31	25 25		♈			♈	☐	
3	10 49	15 11	7 53	25 37	27 0							*
4	10 56	15 24	8 17	26 44	28 36						Δ	
5	11 2	15 37	8 42	27 51	0 [♈] 12			*	*			
6	11 9	15 50	9 7	28 58	1 46							☐ *
7	11 15	16 4	9 31	0 [♈] 5	3 24		*		☐			
8	11 22	16 17	9 54	1 12	5 1			☐		*		
9	11 28	16 30	10 17	2 20	6 38	☉ ♂ ♄						Δ ☐
10	11 35	16 43	10 39	3 28	8 15		☐	Δ	Δ	☐	♊	
11	11 41	16 56	11 2	4 36	9 52							
12	11 48	17 9	11 25	5 44	11 29	♃ ☐ ♂				Δ		Δ
13	11 54	17 23	11 47	6 52	13 5		Δ					
14	12 1	17 36	12 8	8 1	14 42	♈ * ♈		♊			Δ	♊
15	12 7	17 49	12 29	9 10	16 18			♊				
16	12 13	18 2	12 49	10 19	17 50	♃ ♂ ♄						
17	12 19	18 16	13 9	11 28	19 30		♊			♊		♊
18	12 25	18 29	13 29	12 37	21 6	♀ ♂ ♈			Δ		*	Δ
19	12 31	18 43	13 48	13 46	22 41	♀ * ♂		Δ				
20	12 37	18 56	14 6	14 56	24 17				☐			☐
21	12 43	19 10	14 24	16 6	25 52		Δ	☐		Δ		Δ
22	12 49	19 23	14 41	17 16	27 27				*		♈	*
23	12 54	19 36	15 9	18 26	29 2				*		☐	
24	13 0	19 49	15 16	19 36	0 [♈] 37	♀ ♂ ♈		☐				☐
25	13 5	20 2	15 33	20 46	2 11					*		
26	13 11	20 15	15 49	21 56	3 46		*					*
27	13 16	20 28	16 5	23 7	5 20	☉ ♂ ♃				♈		
28	13 22	20 41	16 20	24 18	6 54							♈
29	13 27	20 54	16 34	25 29	8 29							
30	13 33	21 7	16 48	26 40	10 3						♈	☐

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 37	7 8 19	2 N 19	3 8 51	0 N 53	17 8 16
4	16	15	0 37	7 22	2 19	3 21	0 53	17 26
7	16	16	0 37	7 25	2 20	3 26	0 52	17 36
10	16	16	0 37	7 29	2 20	3 31	0 52	17 46
13	16	16	0 37	7 32	2 21	3 35	0 52	17 55
16	16	16	0 37	7 34	2 22	3 39	0 52	18 4
19	16	17	0 37	7 36	2 23	3 43	0 53	18 13
22	16	17	0 37	7 57	2 23	3 46	0 53	18 21
25	16	17	0 37	7 39	2 24	3 49	0 53	18 30
28	16	17	0 38	7 41	2 24	3 52	0 53	18 38
31	16	17	0 28	7 42	2 24	3 54	0 53	18 45

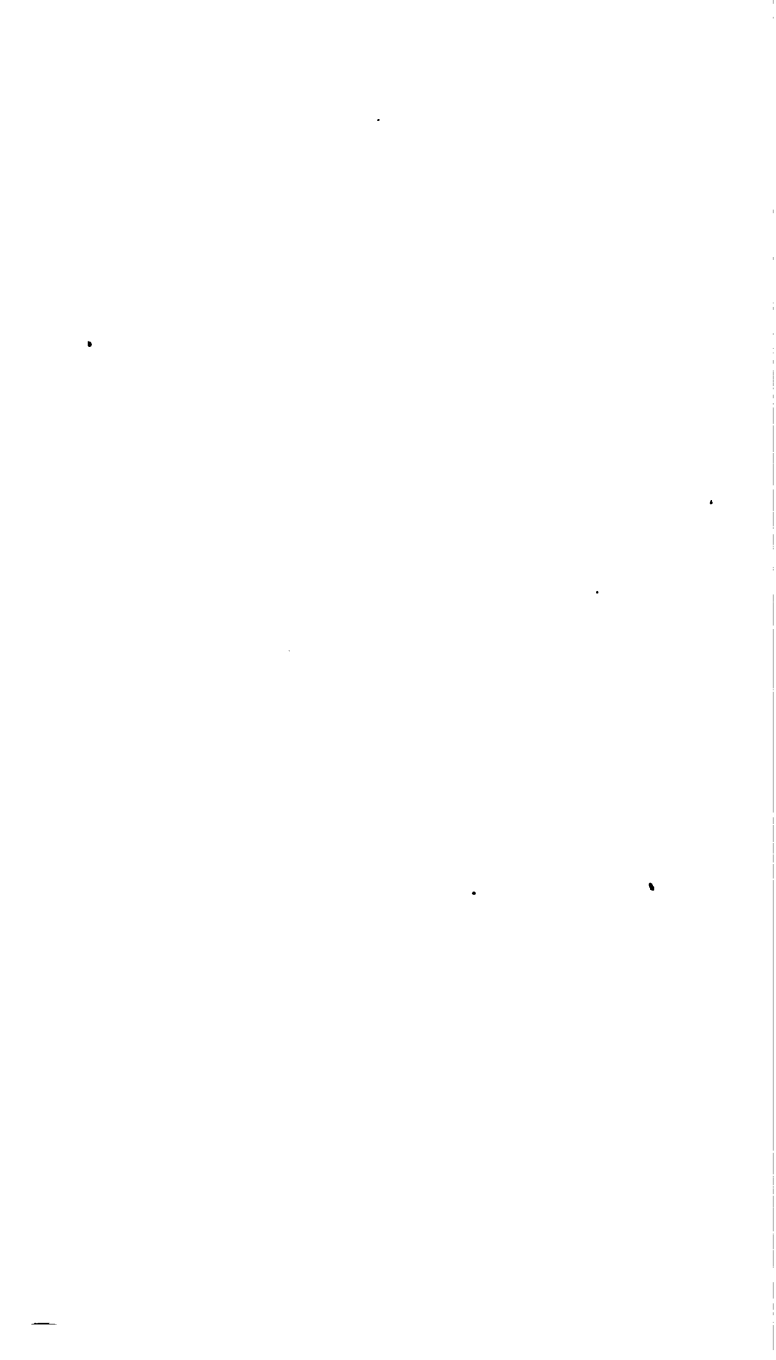
D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	16 40 32	9 7 9 48	21 5 51	1 7 14	4 5 13	24 5 33	20 2 9
2	S	16 44 29	10 10 45	22 0 18	4 3 31	25 53	20 13	20 13
3	M	16 48 25	11 11 43	22 9 24	55 2 41	26 3	20 16	20 16
4	Tu	16 52 22	12 12 42	22 17 6	48 1 43	25 0	20 19	20 19
5	W	16 56 18	13 13 41	22 25 18	45 0 40	22 49	20 22	20 22
6	Th	17 0 15	14 14 42	22 32 0	50 0 N 25	19 35	20 25	20 25
7	F	17 4 12	15 15 43	22 39 13	4 1 31	15 28	20 27	20 27
8	S	17 8 8	16 16 44	22 45 25	34 2 33	10 37	20 29	20 29
9	S	17 12 5	17 17 47	22 51 8	21 3 29	5 13	20 31	20 31
10	M	17 16 1	18 18 49	22 57 21	31 4 17	0 N 34	20 33	20 33
11	Tu	17 19 58	19 19 53	23 2 5	7 4 51	6 29	20 35	20 35
12	W	17 23 54	20 20 56	23 7 19	9 5 9	12 16	20 38	20 38
13	Th	17 27 51	21 22 0	23 11 3	8 39 5	9 17	35 20	40
14	F	17 31 47	22 23 5	23 15 18	31 4 48	21 58	20 43	20 43
15	S	17 35 44	23 24 10	23 18 3	40 4 7	24 57	20 45	20 45
16	S	17 39 41	24 25 15	23 21 18	55 3 8	26 8	20 47	20 47
17	M	17 43 37	25 26 22	23 28 4	5 1 56	25 20	20 49	20 49
18	Tu	17 47 34	26 27 27	23 25 19	4 0 37	22 43	20 51	20 51
19	W	17 51 30	27 28 34	23 26 3	41 0 8	43 18	39 20	53
20	Th	17 55 27	28 29 42	23 27 17	51 1 59	13 37	20 55	20 55
21	F	17 59 23	29 30 50	23 28 1	34 3 4	8 4	20 57	20 57
22	S	18 3 20	0 31 59	23 28 14	50 3 58	2 20	20 59	20 59
23	S	18 7 17	1 33 9	23 27 27	41 4 38	3 19	21 2	21 2
24	M	18 11 13	2 34 20	23 26 10	11 5 3	8 41	21 5	21 5
25	Tu	18 15 10	3 35 31	23 25 22	26 5 14	13 36	21 7	21 7
26	W	18 19 6	4 36 42	23 23 4	28 5 11	17 54	21 9	21 9
27	Th	18 23 3	5 37 54	23 21 16	23 4 55	21 27	21 10	21 10
28	F	18 26 59	6 39 7	23 18 28	14 4 26	24 6	21 11	21 11
29	S	18 30 56	7 40 19	23 15 10	7 3 46	25 42	21 12	21 12
30	S	18 34 52	8 41 32	23 11 21	55 2 56	26 8	21 13	21 13
31	M	18 38 49	9 42 45	23 7 3	50 1 57	25 22	21 14	21 14

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 32	18 N 10	2 N 10	8 S 42	1 S 9	23 S 21	28 w 9
4	2 39	18 6	2 11	10 6	1 25	24 11	27 59
7	2 46	18 3	2 12	11 8	1 40	24 49	27 50
10	2 53	18 2	2 11	12 19	1 52	25 16	27 40
13	3 0	18 3	2 10	13 27	2 2	25 30	27 31
16	3 7	18 6	2 8	14 35	2 9	25 30	27 21
19	3 15	18 12	2 5	15 37	2 12	25 18	27 12
22	3 23	18 19	2 2	16 35	2 12	24 51	27 2
25	3 30	18 30	1 57	17 34	2 7	24 10	26 53
28	3 37	18 42	1 51	18 35	1 56	23 17	26 43
31	3 45	18 58	1 43	19 20	1 38	22 11	26 24

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	13 88	21 19	17 12	1 27	51 11	♂ ♀						
2	13 43	21 32	17 13	29 2	13 11	♂ * ♈	☉		*		Δ	☉
3	13 48	21 45	17 25	0 14	14 45			*				*
4	13 53	21 58	17 36	1 25	16 19							
5	13 58	22 11	17 47	2 37	17 53	♂ Δ ♂		☐	☐	*		
6	14 3	22 24	17 57	3 48	19 27	☉ * ♈						☐
7	14 8	22 37	18 7	5 0	21 1	♂ * ♈		*		Δ		♊
8	14 13	22 50	18 16	6 12	22 35				Δ		☐	*
9	14 17	23 3	18 24	7 24	24 10							Δ
10	14 22	23 16	18 31	8 36	25 44	☉ Δ ♂	☐			Δ		☐
11	14 26	23 28	18 37	9 48	27 18							
12	14 31	23 41	18 43	11 0	28 53	☉ * ♈	Δ	♊	♊		Δ	
13	14 35	23 53	18 49	12 13	0 w 28							Δ
14	14 39	24 6	18 54	13 25	2 2					♊	☐	♊
15	14 43	24 18	18 58	14 38	3 36							
16	14 47	24 31	19 1	15 50	5 11		♊	Δ	Δ		*	♊
17	14 51	24 43	19 3	17 3	6 45							
18	14 55	24 55	19 5	18 15	8 20			☐	☐	Δ		Δ
19	14 59	25 7	19 6	19 28	9 55	♀ ☐ ♂						
20	15 3	25 19	19 19	20 41	11 29			*	*	☐	☉	☐
21	15 6	25 31	19 6	21 54	13 3		Δ					
22	15 10	25 43	19 5	23 7	14 36	♂ ☐ ♈						Δ
23	15 13	25 55	19 3	24 20	16 10		☐			*	*	
24	15 17	26 7	19 0	25 33	17 43				♊			
25	15 20	26 19	18 56	26 47	19 15	♀ ☉ ♄		☉			*	☐
26	15 23	26 30	18 51	28 0	20 46	♀ ☐ ♈	*					
27	15 26	26 41	18 46	29 13	22 16							
28	15 29	26 50	18 38	0 26	23 44					♊		♊
29	15 32	27 3	18 31	1 40	25 11			*				
30	15 35	27 14	18 23	2 53	26 36			*		Δ		
31	15 38	27 25	18 14	4 6	27 59	♂ * ♄						





RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1805.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

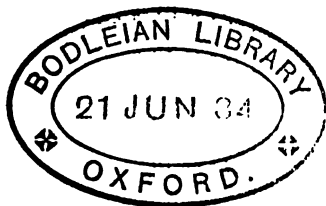
(Hm.) 927 v. 155

RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANET'S PLACES

For 1805.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 38	7 30	2 N 26	3 56	0 N 52	18 34
4	16	15	0 38	7 32	2 27	3 58	0 52	18 56
7	16	16	0 38	7 33	2 28	3 59	0 52	19 3
10	16	16	0 38	7 34	2 29	4 0	0 52	19 9
13	16	17	0 38	7 34	2 30	4 1	0 53	19 16
16	16	17	0 38	7 35	2 30	4 2	0 53	19 23
19	16	17	0 38	7 35	2 31	4 2	0 53	19 29
22	16	18	0 38	7 36	2 32	4 2	0 53	19 34
25	16	18	0 38	7 36	2 33	4 1	0 53	19 39
28	16	18	0 38	7 36	2 33	4 0	0 53	19 44
31	16	18	0 38	7 36	2 34	3 59	0 53	19 49

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	18 42 47	10 w 44	3 23 S	2 15 w 51	0 8 54	23 8 25	20 △ 41
2	W	18 46 43	11 45 16	22 57 27	59	0 N 13 20	22	20 42
3	Th	18 50 39	12 46 28	22 51 10	m 17	1 21 16	23	20 43
4	F	18 54 36	13 47 40	22 45 22	45	2 25 11	40	20 44
5	S	18 58 33	14 48 52	22 38 5	* 26	3 24 6	22	20 45
6	S	19 2 29	15 50 4	22 31 18	22	4 13 0	44	20 46
7	M	19 6 26	16 51 15	22 24 1	r 35	4 50 5	N 4	20 47
8	Tu	19 10 22	17 52 25	22 16 15	7	5 12 10	45	20 48
9	W	19 14 19	18 53 34	22 8 29	0	5 17 16	4	20 49
10	Th	19 18 16	19 54 43	21 59 13	v 12	5 3 20	37	20 50
11	F	19 22 13	20 55 51	21 50 27	42	4 29 24	2	20 51
12	S	19 26 9	21 56 59	21 40 12	Π 27	3 38 25	54	20 51
13	S	19 30 6	22 58 5	21 30 27	20	2 31 25	57	20 52
14	M	19 34 3	23 59 11	21 20 12	σ 14	1 14 24	8	20 53
15	Tu	19 37 59	25 0 17	21 9 27	1	0 8 8	20 39	20 53
16	W	19 41 55	26 1 22	20 58 11	Ω 34	1 28 15	56	20 54
17	Th	19 45 52	27 2 26	20 46 25	46	2 40 10	26	20 54
18	F	19 49 49	28 3 30	20 34 9	m 35	3 41 4	34	20 55
19	S	19 53 46	29 4 33	20 22 22	58	4 28 1	8 18	20 55
20	S	19 57 42	0 m 5	20 9 5	△ 57	4 59 6	57	20 55
21	M	20 1 39	1 6 37	19 56 18	33	5 15 12	8	20 56
22	Tu	20 5 35	2 7 39	19 42 0	m 51	5 16 16	43	20 56
23	W	20 9 32	3 8 40	19 28 12	55	5 3 20	33	20 56
24	Th	20 13 28	4 9 41	19 14 24	50	4 37 23	29	20 56
25	F	20 17 25	5 10 40	19 0 6	f 39	4 0 25	23	20 56
26	S	20 21 22	6 11 39	18 45 18	29	3 12 26	9	20 56
27	S	20 25 18	7 12 38	18 29 0	w 22	2 16 25	44	20 R 56
28	M	20 29 14	8 13 35	18 14 12	23	1 13 24	6	20 55
29	Tu	20 33 12	9 14 32	17 58 24	33	0 6 21	20	20 55
30	W	20 37 8	10 15 27	17 41 6	m 55	1 N 2 17	34	20 55
31	Th	20 41 4	11 16 22	17 25 19	30	2 8 12	57	20 55

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 N 48	19 N 3	1 N 44	19 S 30	1 S 30	21 S 47	26 w 33
4	3 55	19 22	1 37	19 40	1 1	20 31	26 23
7	4 2	19 39	1 31	20 51	0 23	19 13	26 14
10	4 8	20 0	1 24	21 20	0 N 25	18 2	26 4
13	4 14	20 21	1 16	21 50	1 18	17 8	25 54
16	4 19	20 44	1 8	22 10	2 14	16 39	25 45
19	4 24	21 7	0 59	22 27	3 0	16 37	25 35
22	4 27	21. 29	0 51	22 35	3 28	16 59	25 26
25	4 30	21 52	0 43	22 40	3 34	17 32	25 16
28	4 31	22 14	0 35	22 35	3 21	18 11	25 7
31	4 32	22 34	0 26	22 26	2 56	18 47	24 57

D	h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	15 41	27 m 36	18 Ω 4	5 ♄ 20	29 w 18		♂	☐	☐					♂
2	15 44	27 48	17 R 53	6 34	0 m 36					*				
3	15 46	27 59	17 41	7 48	1 49				Δ				*	
4	15 48	28 10	17 29	9 1	2 56			Δ		☐	♂			
5	15 50	28 21	17 16	10 15	3 58							☐		
6	15 52	28 32	17 8	11 29	4 55	☉ ☐ h	*							
7	15 54	28 43	16 50	12 42	5 46						Δ			*
8	15 56	28 54	16 35	13 56	6 29		☐	♂	♂			Δ	Δ	*
9	15 58	29 4	16 19	15 10	7 3	♀ Δ ♂								☐
10	15 59	29 15	16 8	16 24	7 27	♀ * h	Δ				☐			
11	16 1	29 25	15 46	17 38	7 41	☉ ☐ h					♂			
12	16 3	29 36	15 28	18 52	7 R 43					Δ		*	♂	Δ
13	16 4	29 46	15 9	20 6	7 34				Δ					
14	16 5	29 56	14 50	21 19	7 14	♀ * h			☐					
15	16 6	0 ♄ 6	14 30	22 33	6 42		♂	☐		Δ				
16	16 7	0 16	14 10	23 47	5 57				*		♂		♂	
17	16 8	0 26	14 49	25 1	5 3			*		☐		Δ		
18	16 9	0 36	14 28	26 15	4 1									
19	16 10	0 46	14 6	27 29	2 52	♂ * ♀						☐		
20	16 11	0 56	14 43	28 43	1 39	☉ ♂ ♄	Δ			*				Δ
21	16 11	1 5	12 20	29 57	0 23	☉ * ♀		♂	♂		*			
22	16 11	1 15	11 57	1 w 11	29 w 6		☐				*		☐	
23	16 12	1 24	11 34	2 25	27 52						☐			
24	16 12	1 43	11 11	3 39	26 42									*
25	16 R 12	1 48	10 48	4 54	25 36		*			♂	Δ			
26	16 12	1 52	10 24	6 8	24 37			*	*					
27	16 12	2 0	10 7	7 22	23 47									
28	16 11	2 9	9 36	8 36	23 6								♂	
29	16 11	2 17	9 12	9 50	22 33	☉ ♂ ♂		☐	☐		*	♂		♂
30	16 10	2 26	8 48	11 4	22 9		♂			*	♂			
31	16 9	2 34	8 24	12 18	21 54			Δ	Δ					

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 39	7 S 35	2 N 35	3 S 58	0 N 54	19 S 51
4	16 15	0 39	7 34	2 35	3 56	0 54	19 56
7	16 14	0 39	7 33	2 36	3 54	0 54	20 0
10	16 14	0 39	7 32	2 37	3 52	0 54	20 4
13	16 13	0 39	7 30	2 38	3 49	0 55	20 7
16	16 12	0 39	7 29	2 38	3 46	0 55	20 10
19	16 11	0 39	7 28	2 39	3 43	0 55	20 13
22	16 11	0 39	7 27	2 40	3 39	0 55	20 16
25	16 10	0 39	7 25	2 41	3 35	0 56	20 18
28	16 10	0 39	7 24	2 41	3 31	0 56	20 20

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	20 44 59	12m 17 15	17 S 8	2x 19	3 N 9	7 S 43	20 45
2	S	20 48 55	13 18 7	16 51	15 22	4 1	2 4	20 54
3	S	20 52 52	14 18 57	16 33	28 38	4 41	3 N 45	20 54
4	M	20 56 49	15 19 46	16 15	12 7	5 7	9 30	20 53
5	Tu	21 0 45	16 20 33	15 57	25 48	5 15	14 52	20 51
6	W	21 4 41	17 21 19	15 39	9 41	5 6	19 33	20 50
7	Th	21 8 38	18 22 3	15 20	23 44	4 38	23 12	20 50
8	F	21 12 34	19 22 46	15 1	7 11	57 8	53 25	20 50
9	S	21 16 31	20 23 28	14 42	22 17	2 53	26 7	20 49
10	S	21 20 28	21 24 5	14 23	6 42	1 42	24 59	20 48
11	M	21 24 24	22 24 42	14 3	21 7	0 24	22 12	20 47
12	Tu	21 28 21	23 25 18	13 44	5 29	0 55	18 2	20 46
13	W	21 32 17	24 25 52	13 24	19 42	2 9	12 53	20 45
14	Th	21 36 14	25 26 24	13 3	3 41	3 14	7 9	20 44
15	F	21 40 11	26 26 55	12 43	17 23	4 7	1 12	20 43
16	S	21 44 7	27 27 24	12 22	0 45	4 44	4 33	20 42
17	S	21 48 4	28 27 52	12 1	13 45	5 6	10 8	20 41
18	M	21 52 0	29 28 19	11 40	26 24	5 12	15 2	20 40
19	Tu	21 55 57	0x 28 44	11 19	8 45	5 3	19 13	20 40
20	W	21 59 53	1 29 8	10 57	20 51	4 41	22 30	20 39
21	Th	22 3 50	2 29 30	10 36	2 47	4 7	24 46	20 38
22	F	22 7 47	3 29 51	10 14	14 37	3 22	25 56	20 37
23	S	22 11 43	4 30 10	9 52	26 26	2 29	25 54	20 36
24	S	22 15 39	5 30 28	9 30	8 21	1 30	24 42	20 35
25	M	22 19 36	6 30 45	9 8	20 25	0 25	22 20	20 34
26	Tu	22 23 33	7 31 0	8 46	2m 42	0 N 41	18 54	20 33
27	W	22 27 29	8 31 13	8 23	15 16	1 47	14 34	20 32
28	Th	22 31 26	9 31 25	8 0	28 8	2 49	9 29	20 31

1805.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

5

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	4 N 32	22 N 40	0 N 22	22 S 25	2 N 45	18 S 59	24 w 54
4	4 31	23 0	0 13	22 4	2 12	19 28	24 44
7	4 29	23 13	0 5	21 45	1 37	19 52	24 35
10	4 27	23 28	0 8 3	21 17	1 2	20 2	24 25
13	4 24	23 38	0 12	20 42	0 30	20 4	24 16
16	4 20	23 47	0 19	19 58	0 0	19 55	24 6
19	4 15	23 53	0 28	19 17	0 8 28	19 35	23 57
22	4 10	23 56	0 35	18 23	0 53	19 3	23 47
25	4 4	23 59	0 43	17 33	1 14	18 20	23 38
28	3 59	24 0	0 50	16 26	1 33	17 25	23 28

D M	\hbar Long.	γ Long.	δ Long.	ζ Long.	ξ Long.	Mutual Aspts.	Lunar Aspects.					
	° /	° /	° /	° /	° /		☉	☿	♂	♂	♀	♂
1	16 8	2 42	8 0	13 w 33	21 w 47							
2	16 7	2 51	7 36	14 47	21 R 45						*	*
3	16 6	2 59	7 18	16 12	21 D 51	♀ □ ♀						
4	16 5	3 7	6 50	17 15	22 10	☉ Δ ♀	*		♂		Δ	□
5	16 4	3 15	6 27	18 30	22 38			♂				□
6	16 3	3 23	6 4	19 44	22 59						□	
7	16 2	3 31	5 42	20 59	23 29	♀ □ ☿	□				Δ	Δ
8	16 1	3 38	5 20	22 13	24 4				♂	*		
9	15 59	3 45	4 59	23 27	24 45	☉ Δ ☿	Δ	Δ				
10	15 57	3 52	4 38	24 42	25 31							
11	15 55	3 59	4 18	25 56	26 20			□	□		♂	♂
12	15 53	4 5	3 58	27 10	27 12	♂ Δ ♀				Δ	♂	
13	15 51	4 11	3 39	28 25	28 8	♀ ☉ ♀	♂	*	*			
14	15 49	4 18	3 21	29 39	29 7					□		
15	15 47	4 24	3 3	0 m 53	0 m 8							
16	15 45	4 30	2 46	2 8	1 12	♂ ♂ ♂				*	*	Δ
17	15 43	4 36	2 29	3 22	2 18	♀ ♂ ♂			♂			
18	15 41	4 42	2 13	4 36	3 26	♀ * ♀	Δ	♂			□	
19	15 38	4 48	1 58	5 51	4 36	♀ * ♀					□	□
20	15 36	4 54	1 44	7 5	5 48							
21	15 33	4 59	1 31	8 19	7 2		□			♂	Δ	*
22	15 30	5 4	1 18	9 34	8 18			*			*	*
23	15 27	5 9	1 6	10 48	9 36			*				
24	15 24	5 14	0 55	12 21	10 55	☉ □ ♀	*					
25	15 21	5 19	0 44	13 17	12 15			□	□			
26	15 18	5 23	0 34	14 31	13 37				*	♂		
27	15 15	5 27	0 25	15 45	16 0	♀ Δ ♀		Δ	Δ		♂	♂
28	15 12	5 31	0 16	16 59	16 25	♀ Δ ♀						

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 39	7 S 23	2 N 42	3 S 29	0 N 56	20 S 20
4	16	9	0 39	7 20	2 42	3 24	0 56	20 22
7	16	8	0 39	7 18	2 43	3 19	0 57	20 23
10	16	8	0 39	7 15	2 43	3 14	0 57	20 24
18	16	7	0 39	7 13	2 44	3 9	0 57	20 25
16	16	6	0 39	7 11	2 44	3 4	0 57	20 25
19	16	5	0 39	7 8	2 44	2 59	0 58	20 26
22	16	4	0 39	7 6	2 44	2 54	0 58	20 26
25	16	3	0 39	7 3	2 45	2 48	0 58	20 26
28	16	3	0 39	7 1	2 45	2 42	0 58	20 25
31	16	2	0 39	6 58	2 45	2 36	0 58	20 24

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♃ Long.
		H. M. S.	° ' "	°	° ' "	°	° ' "	° ' "
1	F	22 35 25	10 × 31 34	7 S 38	11 × 18	3 N 44	3 S 53	20 × 24
2	S	22 39 21	11 31 42	7 15 24	4 46	4 27	2 N 0	20 R 23
3	S	22 43 17	12 31 48	6 52	8 r 29	4 55	7 53	20 21
4	M	22 47 14	13 31 52	6 29 22	24 5	5 7	13 28	20 19
5	Tu	22 51 10	14 31 54	6 6	6 s 26	5 1	18 24	20 17
6	W	22 55 7	15 31 53	5 43 20	34 4	36 22	20	20 15
7	Th	22 59 4	16 31 50	5 19 4	42 3	54 24	56	20 13
8	F	23 3 0	17 31 45	4 56 18	50 2	58 25	57	20 11
9	S	23 6 58	18 31 38	4 33 2	57 1	52 25	18	20 9
10	S	23 10 53	19 31 28	4 9 17	0 0	39 23	1	20 6
11	M	23 14 50	20 31 17	3 46 0	59 0	36 19	22	20 3
12	Tu	23 18 46	21 31 2	3 22 14	53 1	48 14	40	20 1
13	W	23 22 42	22 30 46	2 58 28	38 2	53 9	15	19 59
14	Th	23 26 39	23 30 28	2 35 12	14 3	48 3	28	19 57
15	F	23 30 35	24 30 7	2 11 25	37 4	28 2	21	19 55
16	S	23 34 32	25 29 45	1 48 8	45 4	53 7	58	19 53
17	S	23 38 28	26 29 20	1 24 21	37 5	3 13	7	19 51
18	M	23 42 25	27 28 54	1 0 4	12 4	58 17	36	19 49
19	Tu	23 46 22	28 28 26	0 36 16	31 4	39 21	15	19 47
20	W	23 50 18	29 27 56	0 13 28	37 4	8 23	54	19 44
21	Th	23 54 15	0 r 27 24	0 N 11	10 f 32	3 26	25 27	19 42
22	F	23 58 11	1 26 50	0 35 22	22 2	35 25	50	19 40
23	S	0 2 8	2 26 15	0 58 4	11 1	38 25	2	19 38
24	S	0 6 4	3 25 38	1 22 16	5 0	36 23	6	19 35
25	M	0 10 0	4 24 59	1 45 28	10 0	N 28	20	19 32
26	Tu	0 13 57	5 24 18	2 9 10	29 1	32 16	9	19 29
27	W	0 17 53	6 23 36	2 32 23	9 2	33 11	24	19 27
28	Th	0 21 50	7 22 52	2 56 6	11 3	28 6	2	19 25
29	F	0 25 46	8 22 6	3 19 19	37 4	13 0	14	19 23
30	S	0 29 43	9 21 18	3 43 3	26 4	45 5	N 43	19 20
31	S	0 33 39	10 20 27	4 6 17	34 5	0 11	32	19 17

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 N 39	6 S 56	2 N 45	2 S 35	0 N 59	20 S 24
4	16	0	0 39	6 52	2 45	2 30	0 59	20 23
7	15	59	0 39	6 49	2 45	2 25	0 59	20 21
10	15	58	0 39	6 46	2 45	2 15	0 59	20 19
13	15	58	0 39	6 44	2 45	2 14	1 0	20 17
16	15	57	0 39	6 41	2 45	2 9	1 0	20 15
19	15	56	0 39	6 39	2 44	2 4	1 0	20 12
22	15	56	0 39	6 37	2 44	2 0	1 0	20 9
25	15	55	0 39	6 34	2 44	1 55	1 0	20 6
28	15	54	0 39	6 31	2 44	1 50	1 0	20 3

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	0 37 35	11 19 35	4 N 29	1 8 56	4 N 57	16 N 48	19 14
2	Tu	0 41 32	12 18 40	4 52	16 26	4 34	21 9	19 11
3	W	0 45 29	13 17 44	5 15	0 57	3 54	24 11	19 9
4	Th	0 49 25	14 16 45	5 38	15 23	2 59	25 38	19 6
5	F	0 53 22	15 15 43	6 129	41	1 53	25 21	19 4
6	S	0 57 18	16 14 40	6 24	13 48	0 41	23 26	19 2
7	S	1 1 15	17 13 34	6 46	27 43	0 32	20 7	19 0
8	M	1 5 11	18 12 25	7 9	11 27	1 43	15 43	18 57
9	Tu	1 9 8	19 11 15	7 31	25 0	2 47	10 35	18 55
10	W	1 13 5	20 10 2	7 53	8 22	3 40	5 2	18 52
11	Th	1 17 2	21 8 47	8 16	21 34	4 21	0 39	18 49
12	F	1 20 58	22 7 29	8 37	4 35	4 48	6 13	18 47
13	S	1 24 54	23 6 10	8 59	17 24	4 59	11 26	18 45
14	S	1 28 50	24 4 49	9 21	0 0	4 56	16 6	18 43
15	M	1 32 48	25 3 26	9 43	12 24	4 39	20 0	18 40
16	Tu	1 36 43	26 2 11	10 42	24 35	4 9	22 57	18 38
17	W	1 40 40	27 0 34	10 25	6 37	3 28	24 51	18 35
18	Th	1 44 37	27 59 5	10 46	18 30	2 38	25 36	18 32
19	F	1 48 34	28 57 35	11 7	0 18	1 42	25 10	18 29
20	S	1 52 30	29 56 3	11 28	12 7	0 41	23 36	18 26
21	S	1 56 27	0 54 30	11 48	24 0	0 N 22	20 59	18 23
22	M	2 0 23	1 52 55	12 8	6 3	1 25	17 24	18 20
23	Tu	2 4 20	2 51 18	12 29	18 22	2 25	13 2	18 17
24	W	2 8 17	3 49 40	12 48	1 1	3 20	8 0	18 15
25	Th	2 12 13	4 48 13	8 14	5	4 16	2 29	18 12
26	F	2 16 9	5 46 20	13 28	27 37	4 41	3 N 21	18 9
27	S	2 20 6	6 44 37	13 47	11 36	4 59	9 11	18 7
28	S	2 24 3	7 42 52	14 6	25 59	5 0	14 42	18 5
29	M	2 27 59	8 41 7	14 25	10 42	4 41	19 30	18 3
30	Tu	2 31 55	9 39 19	14 43	25 35	4 3	23 7	18 1

APRIL XXX DAYS.

D. M.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	2 N 52	22 N 28	1 N 29	28 43	08 55	3 N 59	21 w 47
4	2 46	22 12	1 29	1 10	0 26	6 49	21 37
7	2 41	21 55	1 29	0 N 14	0 N 5	9 38	21 28
10	2 36	21 38	1 28	1 43	0 39	12 21	21 18
13	2 30	21 19	1 26	3 11	1 12	14 53	21 8
16	2 25	21 0	1 24	4 38	1 42	17 8	20 59
19	2 20	20 39	1 22	6 7	2 8	19 1	20 49
22	2 15	20 17	1 19	7 34	2 28	20 32	20 40
25	2 11	19 55	1 15	8 59	2 40	21 40	20 30
28	2 7	19 31	1 11	10 19	2 43	22 25	20 21

D	h	♈	♉	♊	♋	♌	♍	♎	♏	Mutual	Lunar Aspects.							
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☾	h	♈	♉	♊	♋	♌	♍	♎	♏	
1	12 58	6 11	2 18	26 37	12 10													
2	12 54	6 9	2 32	27 51	14 13													
3	12 49	6 7	2 47	29 5	16 17	☉ ♀ h												
4	12 44	6 5	3 2	0 19	18 23	☿ ♀ h	*	Δ	Δ								*	
5	12 40	6 2	3 17	1 33	20 28													
6	12 35	6 0	3 33	2 43	22 33													
7	12 30	5 57	3 49	4 24	37	♀ Δ ♀												
8	12 26	5 54	4 5	5 16	26 41	♀ Δ ♀												
9	12 21	5 51	4 22	6 30	23 44	☉ ♀ h	Δ	*									Δ	
10	12 17	5 45	4 40	7 44	0 46													
11	12 12	5 44	4 58	8 58	2 46													
12	12 8	5 41	5 16	10 12	4 44	☿ ☐ ♀												
13	12 3	5 37	5 35	11 26	6 40	♂ Δ ♀	♂	♂	♂									
14	11 59	5 33	5 54	12 40	8 33													
15	11 54	5 29	6 13	13 54	10 23												♂	
16	11 50	5 25	6 33	15 8	12 10													
17	11 45	5 20	6 53	16 22	13 54													
18	11 41	5 16	7 13	17 36	15 34													
19	11 36	5 11	7 34	18 50	17 9	♀ ♀ h	Δ	*										
20	11 32	5 6	7 55	20 4	18 40													
21	11 28	5 1	8 17	21 18	20 7													
22	11 23	4 56	8 39	22 32	21 31													
23	11 19	4 50	9 1	23 46	22 50													
24	11 15	4 45	9 23	25 0	24 3		*											
25	11 11	4 39	9 46	26 14	25 11													
26	11 7	4 33	10 9	27 28	26 14													
27	11 3	4 27	10 32	28 42	27 13													
28	11 0	4 21	10 56	29 56	28 8													
29	10 56	4 15	11 20	1 10	28 58													
30	10 52	4 9	11 44	2 24	29 40													

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° /	° /	° /	° /	° /	° /
1	15 54	0 N 39	6 S 28	2 N 43	1 S 47	1 N 0	20 S 0
4	15 54	0 39	6 26	2 43	1 43	1 0	19 56
7	15 53	0 39	6 23	2 43	1 39	1 0	19 52
10	15 52	0 39	6 20	2 42	1 36	1 0	19 48
13	15 51	0 39	6 18	2 41	1 33	0 59	19 44
16	15 51	0 39	6 16	2 41	1 30	0 59	19 40
19	15 50	0 39	6 14	2 40	1 28	0 59	19 36
22	15 50	0 39	6 13	2 40	1 26	0 59	19 31
25	15 49	0 39	6 11	2 39	1 25	0 58	19 27
28	15 49	0 39	6 9	2 39	1 24	0 58	19 23
31	15 48	0 39	6 8	2 38	1 22	0 58	19 19

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	W	2 35 52	10 37 29	15 N 2	10 11 30	3 N 9	25 N 10	17 59
2	Th	2 39 49	11 35 37	15 20	25 18	2 25	25 24	17 57
3	F	2 43 46	12 33 44	15 37	9 54	0 47	23 53	17 55
4	S	2 47 42	13 31 49	15 55	24 13	0 29	20 49	17 53
5	S	2 51 38	14 29 51	16 12	8 13	1 42	16 35	17 51
6	M	2 55 35	15 27 52	16 29	21 55	2 47	11 35	17 49
7	Tu	2 59 31	16 25 51	16 46	5 19	3 42	6 8	17 47
8	W	3 3 28	17 23 48	17 3	18 28	4 24	0 31	17 45
9	Th	3 7 25	18 21 43	17 19	1 22	4 51	5 8	17 43
10	F	3 11 21	19 19 37	17 35	14 4	5 4	10 13	17 40
11	S	3 15 18	20 17 28	17 50	26 35	5 1	14 56	17 38
12	S	3 19 15	21 15 19	18 6	8 55	4 45	18 59	17 36
13	M	3 23 11	22 13 7	18 21	21 6	4 16	22 9	17 34
14	Tu	3 27 8	23 10 54	18 35	3 8	3 35	24 19	17 32
15	W	3 31 4	24 8 40	18 50	15 3	2 46	25 22	17 30
16	Th	3 35 0	25 6 25	19 4	26 53	1 49	25 15	17 29
17	F	3 38 57	26 4 8	19 17	8 40	0 48	23 58	17 27
18	S	3 42 53	27 1 50	19 31	20 29	0 N 16	21 38	17 26
19	S	3 46 51	27 59 31	19 44	2 23	1 19	18 22	17 24
20	M	3 50 47	28 57 11	19 57	14 26	2 20	14 17	17 22
21	Tu	3 54 44	29 54 51	20 9	26 44	3 16	9 33	17 20
22	W	3 58 40	0 52 29	20 21	9 21	4 4	4 19	17 18
23	Th	4 2 36	1 50 6	20 33	22 23	4 40	1 N 16	17 16
24	F	4 6 33	2 47 43	20 44	5 52	5 3	6 58	17 15
25	S	4 10 30	3 45 19	20 55	19 48	5 9	12 31	17 13
26	S	4 14 26	4 42 53	21 6	4 14	4 56	17 35	17 12
27	M	4 18 23	5 40 26	21 16	19 2	4 23	21 43	17 10
28	Tu	4 22 20	6 37 59	21 26	4 6	3 32	24 27	17 9
29	W	4 26 16	7 35 31	21 36	19 16	2 25	25 26	17 8
30	Th	4 30 13	8 33 1	21 45	4 22	1 8	24 32	17 7
31	F	4 34 9	9 30 31	21 54	19 16	0 8	12 52	17 5

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 2	19 N 7	18 7	11 N 41	2 N 37	22 N 48	20 w 11
4	1 57	18 42	1 2	12 59	2 21	22 49	20 1
7	1 53	18 15	0 57	14 15	1 54	22 30	19 52
10	1 49	17 47	0 51	15 23	1 17	21 53	19 42
13	1 45	17 19	0 45	16 36	0 83	20 59	19 33
16	1 41	16 50	0 39	17 33	0 8 18	19 52	19 23
19	1 38	16 20	0 32	18 42	1 11	18 39	19 14
22	1 34	15 48	0 25	19 36	2 1	17 28	19 4
25	1 30	15 17	0 19	20 30	2 45	16 25	18 55
28	1 26	14 41	0 12	21 13	3 20	15 35	18 45
31	1 22	14 5	0 5	21 56	3 44	15 5	18 36

D	h	♈	♉	♊	♋	♌	♍	♎	♏	Mutual	Lunar Aspects.									
M	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	☿	♈	♉	♊	♋	♌	♍	♎	♏
1	10 ⁴⁹	4 ¹	2 ¹²	12 ⁸	3 ⁸	38 ⁰	19 ¹⁹													
2	10 ⁴⁵	3 ⁸	5 ⁵⁵	12 ³³	4 ⁵²	0 ⁵³														
3	10 ⁴¹	3 ⁸	4 ⁹	12 ⁵⁸	6 ⁶	1 ²¹														
4	10 ³⁸	3 ⁸	4 ²	13 ²³	7 ²⁰	1 ⁴³			☉ ☐ ♄											
5	10 ³⁴	3 ⁸	3 ⁶	13 ⁴⁹	8 ³⁴	2 ⁰														
6	10 ³⁰	3 ⁸	2 ⁹	14 ¹⁴	9 ⁴⁸	2 ¹²														
7	10 ²⁷	3 ⁸	2 ²	14 ⁴⁰	11 ¹	2 ¹⁹														
8	10 ²⁴	3 ⁸	1 ⁵	15 ⁶	12 ¹⁵	2 ²¹														
9	10 ²¹	3 ⁸	8 ¹⁵	33 ¹³	29 ²	18 ¹⁸														
10	10 ¹⁸	3 ⁸	1 ¹⁵	59 ¹⁴	43 ²	10 ¹⁰														
11	10 ¹⁵	2 ⁵	5 ¹⁶	26 ¹⁵	57 ¹	58 ⁵⁸														
12	10 ¹²	2 ⁴	7 ¹⁶	53 ¹⁷	11 ¹	42 ⁴²														
13	10 ⁹	2 ³	39 ¹⁷	20 ¹⁸	24 ¹	21 ²¹														
14	10 ⁶	2 ²	32 ¹⁷	47 ¹⁹	38 ⁰	57 ⁵⁷														
15	10 ⁴	2 ²	24 ¹⁸	15 ²⁰	52 ⁰	30 ³⁰														
16	10 ¹	2 ¹	17 ¹⁸	43 ²²	6 ²⁹	59 ⁵⁹														
17	9 ⁵⁹	2 ¹	9 ¹⁹	11 ²³	20 ²⁹	27 ²⁷														
18	9 ⁵⁶	2 ¹	2 ¹⁹	39 ²⁴	34 ²⁸	54 ⁵⁴														
19	9 ⁵⁴	1 ⁵	54 ²⁰	7 ²⁵	47 ²⁸	20 ²⁰			♄ * ☽											
20	9 ⁵²	1 ⁴	46 ²⁰	35 ²⁷	1 ²⁷	45 ⁴⁵			☉ ☐ ♀											
21	9 ⁵⁰	1 ³	39 ²¹	4 ²⁸	15 ²⁷	11 ¹¹			♀ ☐ ♀											
22	9 ⁴⁸	1 ³	31 ²¹	83 ²⁹	29 ²⁶	38 ³⁸														
23	9 ⁴⁶	1 ²	24 ²²	2 ⁰	0 ⁴³	26 ²⁶			☉ ☐ ♀											
24	9 ⁴⁴	1 ¹	16 ²²	31 ¹	57 ²⁵	36 ³⁶			♀ ☐ ♀											
25	9 ⁴²	1 ⁰	8 ²³	0 ³	10 ²⁵	9 ⁹														
26	9 ⁴⁰	1 ⁰	0 ²³	30 ⁴	24 ²⁴	45 ⁴⁵														
27	9 ³⁹	0 ⁵	53 ²⁴	0 ⁵	38 ²⁴	24 ²⁴			☉ ☐ ♀											
28	9 ³⁷	0 ⁴	45 ²⁴	30 ⁶	52 ²⁴	6 ⁶			♀ ☐ ♀											
29	9 ³⁶	0 ³	38 ²⁵	0 ⁸	5 ²³	5 ⁵														
30	9 ³⁴	0 ³	30 ²⁵	30 ⁹	19 ²³	42 ⁴²														
31	9 ³³	0 ²	23 ²⁶	0 ¹⁰	33 ²³	37 ³⁷														

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 38	6 S 7	2 N 37	1 S 22	0 N 57	19 S 18
4	15	48	0 38	6 6	2 37	1 22	0 57	19 14
7	15	47	0 38	6 5	2 36	1 22	0 57	19 9
10	15	47	0 38	6 4	2 35	1 22	0 56	19 5
13	15	46	0 38	6 3	2 34	1 23	0 56	19 1
16	15	46	0 38	6 3	2 34	1 24	0 55	18 58
19	15	46	0 38	6 2	2 33	1 25	0 54	18 54
22	15	46	0 38	6 2	2 33	1 27	0 54	18 51
25	15	46	0 38	6 2	2 32	1 29	0 53	18 48
28	15	45	0 38	6 3	2 31	1 32	0 53	18 45

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	4 38 6	10 27 59	22 N 3	3 2 51	1 S 31	17 N 50	17 3
2	S	4 42 2	11 25 26	22 10	18 4	2 42	12 52	17 2
3	M	4 45 58	12 22 52	22 18	1 53	3 41	7 22	17 1
4	Tu	4 49 55	13 20 16	22 25	15 19	4 26	1 42	17 0
5	W	4 53 52	14 17 40	22 32	28 24	4 56	3 S 54	16 59
6	Th	4 57 48	15 15 22	22 39	11 10	5 11	9 11	16 58
7	F	5 1 45	16 12 23	22 45	23 41	5 10	14 0	16 57
8	S	5 5 42	17 9 44	22 51	5 59	4 56	18 11	16 56
9	S	5 9 38	18 7 32	22 56	18 7	4 27	21 32	16 55
10	M	5 13 35	19 4 21	23 1	0 7	3 48	23 55	16 54
11	Tu	5 17 31	20 1 39	23 5	12 1	2 59	25 12	16 54
12	W	5 21 28	20 58 56	23 9	23 51	2 25	21 16	53
13	Th	5 25 24	21 56 12	23 13	5 39	1 0	24 20	16 53
14	F	5 29 20	22 53 28	23 16	17 28	0 N 5	22 14	16 52
15	S	5 33 18	23 50 44	23 19	29 19	1 10	19 10	16 51
16	S	5 37 14	24 47 59	23 22	11 17	2 12	15 17	16 51
17	M	5 41 10	25 45 13	23 24	23 25	3 10	10 44	16 50
18	Tu	5 45 7	26 42 28	23 25	5 45	4 0	5 42	16 50
19	W	5 49 3	27 39 43	23 27	18 24	4 39	0 19	16 50
20	Th	5 53 0	28 36 57	23 27	1 23	5 5	5 N 13	16 50
21	F	5 56 57	29 34 11	23 28	14 46	5 16	10 41	16 50
22	S	6 0 54	0 31 26	23 28	28 36	5 10	15 48	16 49
23	S	6 4 50	1 28 40	23 27	12 25	4 44	20 13	16 49
24	M	6 8 47	2 25 54	23 27	27 32	3 59	23 31	16 49
25	Tu	6 12 43	3 23 9	23 25	12 31	2 58	25 15	16 49
26	W	6 16 39	4 20 22	23 24	27 41	1 43	25 9	16 D 49
27	Th	6 20 36	5 17 36	23 21	12 52	0 20	23 11	16 49
28	F	6 24 32	6 14 50	23 19	27 55	1 S 3	19 34	16 50
29	S	6 28 29	7 12 42	23 16	12 42	2 20	14 46	16 50
30	S	6 32 26	8 9 17	23 13	27 7	3 27	9 14	16 50

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N22	13 N59	0 S 2	22 N11	3 S 50	14 N59	18 w 33
4	1 19	13 24	0 N 5	22 46	4 0	14 55	18 23
7	1 16	12 48	0 12	23 14	4 0	15 10	18 14
10	1 12	12 11	0 20	23 32	3 52	15 41	18 4
13	1 9	11 34	0 26	23 51	3 36	16 28	17 55
16	1 6	10 56	0 33	24 0	3 14	17 25	17 45
19	1 3	10 17	0 40	24 4	2 47	18 30	17 36
22	1 0	9 37	0 46	23 56	1 16	19 39	17 26
25	0 57	8 57	0 52	23 51	1 42	20 49	17 17
28	0 54	8 16	0 58	23 30	0 6	21 55	17 7

D M	h	♄	♂	♀	♅	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	9△32	0△15	26Ω31	11Π46	23♂36								
2	9♁31	0♁7	27 213	0 23 D36			*	*	*			*	□
3	9 30 0	0 27	33 14	14 23	44							♈	
4	9 29 29m	53 28	4 15	27 24	0		□					□	
5	9 28 29	46 28	35 16	41 24	19	♀ Δ ♁	♁				*		Δ
6	9 27 29	39 29	6 17	55 24	40		Δ	♈	♈				
7	9 27 29	32 29	37 19	8 25	4	♂ Δ ♄							Δ
8	9 27 29	25 0m	8 20	22 25	33	☉ Δ ♁					*		
9	9 26 29	18 0	40 21	36 26	7								
10	9 26 29	11 1	12 22	59 26	47					♈	□		♉
11	9 26 29	4 1	44 24	3 27	30			*	*				
12	9 D26	28 57	2 16	25 17	28 16	♉ ♂ ♄	♉						♉
13	9 26 28	51 2	48 26	30 29	6	♉ ♂ ♄			□			Δ	
14	9 26 28	44 3	20 27	44 0	Π 1			□					
15	9 26 28	38 3	53 28	58 1	0					*			Δ
16	9 27 28	32 4	25 0	12 2	2				Δ				
17	9 27 28	26 4	58 1	26 3	8		Δ	Δ		□			
18	9 27 28	20 5	30 2	40 4	17						♉	Δ	□
19	9 28 28	14 6	3 3	53 5	29								
20	9 29 28	9 6	36 5	7 6	45	♉ □ ♂	□			Δ		□	*
21	9 30 28	3 7	9 6	21 8	5	♀ * ♂		♉	♉				
22	9 31 27	58 7	43 7	34 9	29	♀ Δ ♈	*						
23	9 32 27	52 8	16 8	48 10	56							Δ	*
24	9 33 27	47 8	49 10	2 12	26	♀ □ ♈				♉			
25	9 35 27	42 9	23 11	15 13	59		Δ	Δ				□	♈
26	9 36 27	37 9	57 12	29 15	36	♀ Δ ♁	♈					*	♈
27	9 38 27	32 10	31 13	43 17	16			□	□			*	♈
28	9 39 27	27 11	5 14	56 18	59					Δ			
29	9 41 27	23 11	39 16	10 20	45	♀ □ ♁		*	*				
30	9 43 27	18 12	13 17	24 22	34					□			*

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 37	6 S 3	2 N 30	1 S 34	0 N 52	18 S 43
4	15	45	0 37	6 4	2 30	1 37	0 51	18 41
7	15	45	0 37	6 5	2 29	1 41	0 50	18 40
10	15	46	0 37	6 6	2 28	1 44	0 50	18 39
13	15	46	0 37	6 7	2 27	1 48	0 49	18 38
16	15	46	0 37	6 8	2 27	1 52	0 49	18 37
19	15	46	0 37	6 9	2 26	1 57	0 48	18 37
22	15	46	0 36	6 10	2 25	2 2	0 47	18 37
25	15	47	0 36	6 11	2 25	2 7	0 46	18 38
28	15	47	0 36	6 13	2 24	2 12	0 46	18 39
31	15	47	0 36	6 15	2 24	2 18	0 45	18 40

D M	D W	Sideres' Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	6 36 22	9 ⁵⁵ 6 30	23 N 9	11 ⁴⁴ 6	4 S 19	3 N 24	16 ⁴⁵ 50
2	Tu	6 40 19	10 3 43	23	5 24 39	4 55	2 S 23	16 51
3	W	6 44 15	11 0 55	23	0 7 ⁴⁴ 47	5 14	7 53	16 51
4	Th	6 48 12	11 58 7	22	55 20 32	5 17	12 55	16 52
5	F	6 52 9	12 55 19	22	50 2 ⁴⁴ 59	5 5	5 17	16 53
6	S	6 56 5	13 52 31	22	44 15 11	4 39	20 51	16 53
7	S	7 0 2	14 49 42	22	38 27 12	4 1	1 23	29 16 54
8	M	7 3 58	15 46 54	22	32 9 ⁴⁴ 5	3 14	25 2	16 54
9	Tu	7 7 55	16 44 52	22	25 20 55	2 18	25 27	16 55
10	W	7 11 51	17 41 17	22	18 2 ⁴⁴ 43	1 16	24 42	16 56
11	Th	7 15 48	18 38 28	22	10 14 32	0 11	22 51	16 57
12	F	7 19 45	19 35 40	22	2 26 25	0 N 55	20 0	16 58
13	S	7 23 41	20 32 53	21	53 8 ⁴⁴ 25	1 59	16 16	16 59
14	S	7 27 37	21 30 52	21	45 20 32	2 58	11 51	17 0
15	M	7 31 34	22 27 19	21	35 2 ⁴⁴ 49	3 50	6 54	17 1
16	Tu	7 35 30	23 24 33	21	26 15 19	4 32	1 37	17 2
17	W	7 39 28	24 21 47	21	16 28 4	5 1	3 N 50	17 3
18	Th	7 43 23	25 19 3	21	6 11 ⁴⁴ 7	5 16	9 14	17 4
19	F	7 47 20	26 16 19	20	55 24 28	5 14	14 21	17 5
20	S	7 51 17	27 13 36	20	44 8 ⁴⁴ 11	4 55	18 53	17 6
21	S	7 55 13	28 10 54	20	33 22 15	4 18	22 30	17 8
22	M	7 59 10	29 8 13	20	21 6 ⁴⁴ 39	3 24	24 47	17 9
23	Tu	8 3 7	0 ⁴⁴ 5 33	20	9 21 22	2 15	25 26	17 11
24	W	8 7 3	1 2 54	19	57 6 ⁴⁴ 16	0 57	24 15	17 12
25	Th	8 11 0	2 0 15	19	44 21 17	0 S 26	21 21	17 13
26	F	8 14 56	2 57 38	19	31 6 ⁴⁴ 15	1 47	17 0	17 14
27	S	8 18 53	3 55 1	19	18 21 2	3 0	11 40	17 16
28	S	8 22 49	4 52 25	19	4 5 ⁴⁴ 30	3 59	5 48	17 17
29	M	8 26 46	5 49 49	18	50 19 35	4 42	0 S 12	17 19
30	Tu	8 30 42	6 47 14	18	36 3 ⁴⁴ 15	5 7	6 0	17 21
31	W	8 34 39	7 44 40	18	21 16 27	5 16	11 20	17 23

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 52	7 N 34	1 N 3	23 N 13	0 S 29	22 N 52	16 w 57
4	0 49	6 51	1 8	22 42	0 N 6	23 34	16 47
7	0 46	6 9	1 13	22 10	0 38	23 57	16 38
10	0 43	5 26	1 17	21 29	1 5	23 55	16 28
13	0 41	4 42	1 20	20 44	1 26	23 29	16 19
16	0 39	3 57	1 23	19 50	1 40	22 39	16 9
19	0 36	3 13	1 26	18 56	1 47	21 29	16 0
22	0 33	2 28	1 27	17 50	1 48	20 1	15 50
25	0 31	1 42	1 29	16 50	1 43	18 20	15 41
28	0 28	0 56	1 30	15 38	1 33	16 29	15 31
31	0 25	0 11	1 30	14 15	1 18	14 33	15 22

D M	\hbar	\mathcal{A}	δ	ζ	ζ	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		\odot	\mathcal{H}	\hbar	\mathcal{A}	δ	ζ	ζ	
1	9 \triangle 45	27 m 14	12 m 47	18 \triangle 37	24 \square 27		*				δ	*		
2	9 47	27 R 10	13 21	19 51	26 20	$\odot \square \hbar$				*		*		\square
3	9 49	27 7	13 55	21 52	17 17		\square		δ					
4	9 51	27 3	14 30	22 19	0 \triangle 18			δ					\square	
5	9 53	27 0	15 42	23 33	2 20									Δ
6	9 55	26 56	15 38	24 47	4 24		Δ				*			
7	9 58	26 53	16 13	26 0	6 29					δ			Δ	
8	10 0	26 50	16 48	27 14	8 35	$\zeta \Delta \mathcal{A}$		*						
9	10 3	26 48	17 23	28 28	10 43	$\odot \square \mathcal{H}$		*			\square			
10	10 6	26 45	17 58	29 41	12 53	$\zeta \square \hbar$								
11	10 8	26 43	18 33	0 Ω 55	15 2	$\odot * \delta$	δ	\square	\square		Δ			δ
12	10 11	26 40	19 8	2 9	17 11	$\zeta \square \mathcal{H}$				*				
13	10 14	26 38	19 44	3 22	19 19				Δ			δ		
14	10 17	26 37	20 19	4 36	21 27	$\odot \delta \zeta$		Δ		\square				
15	10 20	26 35	20 55	5 50	23 35									
16	10 24	26 34	21 30	7 32	25 43	$\zeta \Delta \mathcal{A}$		Δ			δ			Δ
17	10 27	26 32	22 6	8 17	27 50			δ	δ		Δ			
18	10 30	26 31	22 41	9 31	29 55	$\zeta * \hbar$		δ	δ			Δ		
19	10 34	26 30	23 17	10 44	1 Ω 58	$\odot \Delta \mathcal{A}$	\square							
20	10 38	26 29	23 53	11 58	3 59								\square	\square
21	10 42	26 28	24 29	13 12	6 0		*			δ	Δ			
22	10 45	26 28	25 5	14 25	8 0				Δ				*	
23	10 49	26 27	25 41	15 39	9 58	$\zeta * \hbar$		Δ			\square	*		
24	10 52	26 D 27	26 17	16 53	11 54	$\zeta * \mathcal{H}$		\square		Δ				
25	10 56	26 27	26 54	18 6	13 48	$\delta * \mathcal{A}$		\square		Δ	*			
26	11 0	26 28	27 30	19 20	15 40		δ	*					δ	δ
27	11 5	26 29	28 6	20 34	17 31	$\zeta * \mathcal{H}$		*		\square		δ		
28	11 9	26 30	28 43	21 47	19 21									
29	11 14	26 31	29 20	23 12	1 9									
30	11 18	26 32	29 57	24 15	22 55		*			*	δ			
31	11 23	26 33	0 \triangle 34	25 29	24 40			δ	δ					

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 36	6 S 18	2 N 23	2 S 20	0 N 45	18 S 41
4	15	47	0 36	6 21	2 23	2 26	0 44	18 43
7	15	48	0 36	6 24	2 22	2 33	0 43	18 45
10	15	48	0 36	6 26	2 22	2 40	0 43	18 48
13	15	49	0 36	6 28	2 21	2 46	0 42	18 51
16	15	49	0 36	6 31	2 21	2 53	0 41	18 54
19	15	50	0 36	6 34	2 20	3 0	0 40	18 57
22	15	50	0 35	6 36	2 20	3 7	0 40	19 1
25	15	51	0 35	6 39	2 19	3 14	0 39	19 5
28	15	51	0 35	6 42	2 19	3 21	0 39	19 9
31	15	52	0 35	6 46	2 19	3 29	0 39	19 14

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	Th	8 38 36	8 2 42	6 18 N	6 29 16	5 S	8 16 S	1 17 26
2	F	8 42 32	9 39 33	17 51	11 m 43	4 45	19 53	17 27
3	S	8 46 29	10 36 1	17 36	23 54	4 10	22 48	17 29
4	S	8 50 26	11 34 29	17 20	5 f 52	3 25	24 40	17 31
5	M	8 54 22	12 31 58	17 4	17. 43	2 32	25 25	17 33
6	Tu	8 58 18	13 29 28	16 47	29 31	1 32	25 0	17 35
7	W	9 2 15	14 26 59	16 31	11 w 20	0 28	23 27	17 37
8	Th	9 6 11	15 24 30	16 14	23 13	0 N 37	20 51	17 40
9	F	9 10 8	16 22 3	15 57	5 m 14	1 41	17 21	17 42
10	S	9 14 4	17 19 37	15 39	17 24	2 42	13 4	17 45
11	S	9 18 1	18 17 12	15 22	29 45	3 35	8 13	17 47
12	M	9 21 58	19 14 48	15 4	12 x 19	4 19	2 57	17 50
13	Tu	9 25 54	20 12 25	14 48	25 6	4 51	2 N 30	17 52
14	W	9 29 50	21 10 4	14 27	8 r 5	5 8	7 56	17 55
15	Th	9 33 48	22 7 45	14 9	21 19	5 10	13 6	17 58
16	F	9 37 44	23 5 27	13 50	4 s 46	4 55	17 45	18 1
17	S	9 41 40	24 3 11	13 31	18 28	4 23	21 33	18 3
18	S	9 45 37	25 0 56	13 12	2 24	8 35	24 10	18 6
19	M	9 49 34	25 58 44	12 52	16 34	2 33	25 19	18 8
20	Tu	9 53 31	26 56 38	12 33	0 s 57	1 20	24 48	18 10
21	W	9 57 27	27 54 32	12 13	15 30	0 22	22 36	18 12
22	Th	10 1 23	28 52 16	11 53	0 2	1 S 17	18 54	18 14
23	F	10 5 20	29 50 10	11 32	14 47	2 30	14 1	18 17
24	S	10 9 17	0 w 48	5 11	12 29	3 33	8 23	18 20
25	S	10 13 13	1 46 2	10 51	13 w 40	4 22	2 24	18 23
26	M	10 17 10	2 44 1	10 31	27 41	4 53	3 S 34	18 26
27	Tu	10 21 6	3 42 1	10 10	11 20	5 7	9 12	18 29
28	W	10 25 3	4 40 3	9 49	24 34	5 4	14 14	18 32
29	Th	10 28 59	5 38 6	9 27	7 m 24	4 46	18 29	18 35
30	F	10 32 56	6 36 10	9 6	19 52	4 14	21 48	18 37
31	S	10 36 52	7 34 16	8 44	2 f 3	3 31	24 2	18 40

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 25	0 S 5	1 N 30	14 N 2	1 N 18	13 N 53	15 w 19
4	0 22	0 52	1 29	12 49	0 54	11 50	15 9
7	0 20	1 39	1 28	11 24	0 32	9 47	15 0
10	0 18	2 26	1 26	9 59	0 8	7 43	14 50
13	0 16	3 12	1 24	8 35	0 S 19	5 41	14 41
16	0 14	3 59	1 21	7 5	0 46	3 43	14 31
19	0 11	4 46	1 17	5 38	1 15	1 49	14 22
22	0 9	5 33	1 12	4 6	1 44	0 2	14 12
25	0 7	6 20	1 7	2 35	2 13	1 S 33	14 3
28	0 5	7 7	1 1	1 2	2 42	3 7	13 53
31	0 2	7 56	0 55	0 S 30	3 9	4 23	13 44

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
	° /	° /	° /	° /								
1	11 27	26 34	1 11	26 42	26 23						*	*
1	11 26	35	1 48	27 56	28 6	☿ ☉ ♀	☐					
2	11 26	37	2 25	29 9	29 46							
4	11 26	39	3 2	0 23	1 22	☉ * ♂		*		*	☐	☐
5	11 26	41	3 40	1 36	2 57		Δ *					
6	11 26	43	4 17	2 50	4 32						☐	Δ
7	11 26	45	4 55	4 3	6 6			☐				Δ
8	12 26	47	5 32	5 17	7 38		☐		*			
9	12 26	50	6 10	6 30	9 8					Δ		
10	12 26	53	6 47	7 44	10 35	☉ * ☿	☿	Δ	Δ			
11	12 26	56	7 25	8 57	12 1					☐		
12	12 26	59	8 3	10 11	13 26						☿	☿
13	12 27	3	8 41	11 24	14 50					Δ		
14	12 27	7	9 19	12 37	16 12			☿		☿		
15	12 27	11	9 57	13 51	17 32		Δ	☿				
16	12 27	15	10 35	15 4	18 49		☐					
17	12 27	19	11 13	16 17	20 5						Δ	Δ
18	12 27	23	11 51	17 31	21 19				☿			
19	13 27	27	12 30	18 44	22 32		Δ	Δ		Δ	☐	☐
20	13 27	32	13 8	19 58	23 43	☿ ☉ ♂	*					
21	13 27	37	13 47	21 11	24 51	☉ ☐ ♀		☐	☐		☐	*
22	13 27	42	14 25	22 25	25 57					Δ		*
23	13 27	47	15 4	23 38	27 0			*	*		*	
24	13 27	52	15 43	24 52	28 1	☿ * ♀	☿			☐		
25	13 27	58	16 22	26 5	28 59							
26	13 28	4	17 1	27 18	29 55					*		
27	13 28	10	17 40	28 32	0 48	☿ * ♀		☿			☿	☿
28	13 28	16	18 19	29 45	1 38	☿ ☉ ☿	☿				☿	
29	14 28	22	18 58	0 58	2 23		*					
30	14 28	28	19 37	2 12	3 6							
31	14 28	34	20 16	3 25	3 46		☐			☿	*	*

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 35	6 S 49	2 N 18	3 S 32	0 N 38	19 S 16
4	15	54	0 35	6 52	2 18	3 40	0 38	19 21
7	15	55	0 35	6 56	2 17	3 48	0 37	19 26
10	15	56	0 35	7 1	2 17	3 56	0 36	19 32
13	15	57	0 35	7 6	2 17	4 3	0 35	19 38
16	15	57	0 35	7 9	2 17	4 11	0 35	19 43
19	15	58	0 35	7 12	2 16	4 20	0 34	19 49
22	15	59	0 35	7 15	2 16	4 29	0 34	19 56
25	16	0	0 35	7 20	2 16	4 37	0 33	20 2
28	16	0	0 35	7 25	2 16	4 45	0 33	20 8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 40 49	8 ^m 32 23	8 N 23	14 ^f 2	2 S 40	25 S 9	18 ^Δ 42
2	M	10 44 46	9 30 32	8 1 25	52	1 42	25 6	18 45
3	Tu	10 48 42	10 28 42	7 39	7 ^w 40	0 40	23 55	18 48
4	W	10 52 38	11 26 53	7 17	19 31	0 N 23	21 39	18 51
5	Th	10 56 35	12 25 6	6 54	1 ^m 28	1 27	18 27	18 54
6	F	11 0 32	13 23 20	6 32	13 37	2 27	14 25	18 58
7	S	11 4 28	14 21 37	6 10	25 59	3 20	9 43	19 1
8	S	11 8 24	15 19 55	5 47	8 ^x 36	4 6	4 33	19 5
9	M	11 12 22	16 18 14	5 25	21 30	4 39	0 N 54	19 9
10	Tu	11 16 18	17 16 36	5 2	4 ^r 38	4 59	6 25	19 13
11	W	11 20 14	18 14 59	4 39	18 1	5 3	11 44	19 17
12	Th	11 24 11	19 13 25	4 16	1 ^h 34	4 50	16 33	19 20
13	F	11 28 8	20 11 52	3 53	15 18	4 20	20 35	19 23
14	S	11 32 4	21 10 22	3 30	29 10	3 35	23 29	19 27
15	S	11 36 1	22 8 54	3 7	13 ^π 8	2 36	24 59	19 31
16	M	11 39 58	23 7 29	2 44	27 12	1 28	24 54	19 34
17	Tu	11 43 55	24 6 5	2 21	11 ^σ 20	0 14	23 13	19 38
18	W	11 47 51	25 4 44	1 57	25 33	1 S 1	20 3	19 42
19	Th	11 51 47	26 3 25	1 34	9 ^Ω 47	2 13	15 41	19 45
20	F	11 55 44	27 2 8	1 11	24 0	3 16	10 27	19 49
21	S	11 59 39	28 0 54	0 47	8 ^m 9	4 6	4 43	19 52
22	S	12 3 36	28 59 42	0 24	22 9	4 41	1 S 11	19 55
23	M	12 7 33	29 58 31	0 1	5 ^Δ 54	4 59	6 55	19 59
24	Tu	12 11 30	0 ^Δ 57 23	0 S 23	19 22	5 0	12 12	20 3
25	W	12 15 26	1 56 16	0 46	2 ^m 29	4 44	16 47	20 7
26	Th	12 19 23	2 55 12	1 10	15 16	4 15	20 29	20 10
27	F	12 23 19	3 54 10	1 33	27 43	3 34	23 8	20 13
28	S	12 27 16	4 53 9	1 57	9 ^f 53	2 44	24 39	20 17
29	S	12 31 13	5 52 11	2 20	21 51	1 47	25 0	20 21
30	M	12 35 9	6 51 13	2 43	3 ^w 41	0 48	24 11	20 24

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 2	8 8 9	0 N 54	1 8 1	3 8 17	4 8 45	13 v 40
4	0 S 1	8 55	0 47	2 34	3 40	5 38	13 30
7	0 3	9 41	0 40	4 8	3 58	6 7	13 21
10	0 5	10 28	0 32	5 40	4 7	6 9	13 11
13	0 7	11 12	0 24	7 11	4 6	5 35	13 2
16	0 9	11 56	0 15	8 40	3 49	4 25	12 52
19	0 11	12 40	0 7	10 8	3 15	2 42	12 43
22	0 13	13 26	0 S 2	11 34	2 26	0 39	12 33
25	0 15	14 6	0 11	12 59	1 27	1 N 20	12 24
28	0 17	14 48	0 20	14 20	0 27	2 52	12 14

D M	h		♈		♉		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
1	14	20	28 m 41	20	55	4	38	4	22						
2	14	26	28	47	21	34	5	52	4	57	♀♂♀			*	
3	14	33	28	54	22	14	7	5	5	24		Δ			☐☐
4	14	39	29	1	22	53	8	18	5	42			☐☐		
5	14	46	29	6	23	33	9	32	5	56			*		Δ
6	14	52	29	15	24	13	10	45	6	7		Δ	Δ		Δ
7	14	59	29	22	24	53	11	58	6	16			☐	Δ	
8	15	6	29	29	25	33	13	11	6	16					
9	15	12	29	37	26	13	14	25	6	10	♂				
10	15	19	29	45	26	53	15	37	5	56	♀♂♈			Δ	♂
11	15	25	29	53	27	33	16	50	5	36		♂	♂		♂
12	15	32	0 ♀	1	28	13	18	3	5	9				♂	
13	15	39	0	9	28	53	19	16	4	35	♀♂♈	Δ			
14	15	46	0	17	29	33	20	29	3	55				♂	Δ
15	15	53	0	26	0 m 14	21	42	3	9			Δ	Δ		
16	16	0	0	34	0	54	22	55	2	17					
17	16	7	0	43	1	34	24	8	1	21		☐		☐	☐
18	16	14	0	52	2	14	25	21	0	21	♀*♈	*	☐	Δ	☐*
19	16	21	1	1	2	55	26	34	29 m 16				*		
20	16	28	1	10	3	36	27	47	28	11	☉♂♀	*			*
21	16	35	1	19	4	17	29	0	27	6				☐*	
22	16	42	1	28	4	58	0 m 13	26	2						♂
23	16	49	1	37	5	39	1	26	25	2		♂		*	
24	16	56	1	46	6	20	2	39	24	8			♂		
25	17	3	1	56	7	1	3	51	23	19	☉*♈			♂♂	
26	17	10	2	6	7	42	5	4	22	39					
27	17	17	2	16	8	23	6	17	21	8				♂	
28	17	24	2	26	9	4	7	30	21	45		*			*
29	17	31	2	36	9	46	8	42	21 D 32			*	*		
30	17	38	2	46	10	27	9	55	21	32		☐			☐

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	° /	° /	° /	° /	° /	° /
1	16	1	0 N 35	7 S 29	2 N 16	4 S 53	0 N 32	20 S 15
4	16	1	0 35	7 32	2 16	5 1	0 32	20 21
7	16	2	0 35	7 37	2 16	5 10	0 31	20 27
10	16	3	0 35	7 42	2 16	5 18	0 31	20 33
13	16	4	0 34	7 47	2 16	5 26	0 31	20 40
16	16	5	0 34	7 52	2 16	5 34	0 31	20 47
19	16	5	0 34	7 55	2 16	5 43	0 30	20 54
22	16	6	0 34	7 57	2 16	5 51	0 30	21 0
25	16	7	0 34	8 0	2 16	5 59	0 29	21 6
28	16	7	0 34	8 4	2 16	6 7	0 29	21 12
31	16	8	0 34	8 8	2 16	6 15	0 28	21 18

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.	
		H.	M.	S.	° / "	° / "	° / "	° / "	° / "	° / "	° / "	° / "	° / "	° / "	° / "
1	Tu	12	39	5	7 50 17	3 S 7	15 29	0 N 16	22 S 18	20 27	20 27	20 27	20 27	20 27	20 27
2	W	12	43	1	8 49 23	3 30	27 20	1 18	19 26	20 32	20 32	20 32	20 32	20 32	20 32
3	Th	12	46	58	9 48 31	3 53	9 20	2 17	15 44	20 36	20 36	20 36	20 36	20 36	20 36
4	F	12	50	55	10 47 41	4 17	21 33	3 11	11 19	20 39	20 39	20 39	20 39	20 39	20 39
5	S	12	54	52	11 46 53	4 40	4 3	3 57	6 21	20 43	20 43	20 43	20 43	20 43	20 43
6	S	12	58	48	12 46 7	5 3	16 54	4 32	1 0	20 47	20 47	20 47	20 47	20 47	20 47
7	M	13	2	45	13 45 22	5 26	0 4	4 54	4 N 31	20 51	20 51	20 51	20 51	20 51	20 51
8	Tu	13	6	42	14 44 39	5 49	13 35	5 0	9 58	20 55	20 55	20 55	20 55	20 55	20 55
9	W	13	10	38	15 43 59	6 12	27 22	4 49	15 2	20 58	20 58	20 58	20 58	20 58	20 58
10	Th	13	14	34	16 43 21	6 35	11 22	4 21	19 23	21 1	21 1	21 1	21 1	21 1	21 1
11	F	13	18	31	17 42 44	6 57	25 31	3 36	22 40	21 5	21 5	21 5	21 5	21 5	21 5
12	S	13	22	27	18 42 11	7 20	9 43	2 38	24 32	21 8	21 8	21 8	21 8	21 8	21 8
13	S	13	26	24	19 41 39	7 43	23 56	1 29	24 49	21 12	21 12	21 12	21 12	21 12	21 12
14	M	13	30	21	20 41 10	8 5	8 6	0 15	23 28	21 15	21 15	21 15	21 15	21 15	21 15
15	Tu	13	34	17	21 40 43	8 27	22 12	0 S 59	20 40	21 19	21 19	21 19	21 19	21 19	21 19
16	W	13	38	14	22 40 19	8 50	6 14	2 9	16 39	21 22	21 22	21 22	21 22	21 22	21 22
17	Th	13	42	10	23 39 57	9 12	20 11	3 12	11 44	21 26	21 26	21 26	21 26	21 26	21 26
18	F	13	46	7	24 39 37	9 34	4 1	4 2	6 17	21 30	21 30	21 30	21 30	21 30	21 30
19	S	13	50	3	25 39 20	9 56	17 45	4 38	0 35	21 34	21 34	21 34	21 34	21 34	21 34
20	S	13	54	0	26 38 5	10 17	1 18	4 58	5 S 4	21 38	21 38	21 38	21 38	21 38	21 38
21	M	13	57	56	27 38 52	10 39	14 40	5 1	10 24	21 42	21 42	21 42	21 42	21 42	21 42
22	Tu	14	1	53	28 38 41	11 0	27 49	4 48	15 11	21 46	21 46	21 46	21 46	21 46	21 46
23	W	14	5	50	29 38 32	11 21	10 41	4 20	19 10	21 50	21 50	21 50	21 50	21 50	21 50
24	Th	14	9	46	0 38 25	11 43	23 17	3 40	22 10	21 53	21 53	21 53	21 53	21 53	21 53
25	F	14	13	42	1 38 20	12 3	5 38	2 50	24 4	21 57	21 57	21 57	21 57	21 57	21 57
26	S	14	17	39	2 38 17	12 24	17 45	1 54	24 47	22 0	22 0	22 0	22 0	22 0	22 0
27	S	14	21	35	3 38 15	12 45	29 40	0 53	24 20	22 4	22 4	22 4	22 4	22 4	22 4
28	M	14	25	31	4 38 16	13 5	11 29	0 N 10	22 48	22 8	22 8	22 8	22 8	22 8	22 8
29	Tu	14	29	27	5 38 18	13 25	23 16	1 13	20 16	22 12	22 12	22 12	22 12	22 12	22 12
30	W	14	33	23	6 38 22	13 45	5 6	2 12	16 52	22 16	22 16	22 16	22 16	22 16	22 16
31	Th	14	37	19	7 38 27	14 4	17 5	3 7	12 46	22 20	22 20	22 20	22 20	22 20	22 20

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 S 19	15 S 29	0 S 30	15 S 39	0 N 26	3 N 42	12 w 5
4	0 21	16 9	0 40	16 52	1 8	3 47	11 55
7	0 22	16 47	0 49	18 6	1 37	3 8	11 46
10	0 24	17 25	0 59	19 12	1 53	1 54	11 36
13	0 26	18 3	1 7	20 17	2 0	0 16	11 27
16	0 28	18 38	1 16	21 13	1 58	1 S 40	11 17
19	0 29	19 13	1 25	22 9	1 51	3 42	11 8
22	0 31	19 45	1 33	22 53	1 38	5 51	10 58
25	0 33	20 17	1 42	23 41	1 23	7 58	10 49
28	0 35	20 46	1 51	24 13	1 5	10 4	10 39
31	0 37	21 15	1 58	24 50	0 46	12 5	10 20

D M	h	♄	♅	♆	♇	♈	Mutual Aspts.	Lunar Aspects.							
								☉	☿	♈	♉	♊	♋	♌	♍
1	17 46	2 56	11 m 9	11 m 8	21 m 41	♀ ♂ ♂		☐	☐			*	*	Δ	
2	17 53	3 6	11 50	12 21	21 56										
3	18 0	3 17	12 32	13 33	22 25			Δ				*	☐	☐	
4	18 8	3 27	13 13	14 46	23 7				Δ	Δ					
5	18 15	3 38	13 55	15 58	23 57							☐			
6	18 22	3 48	14 37	17 11	24 52									Δ	Δ
7	18 30	3 59	15 19	18 23	25 52									Δ	♈
8	18 37	4 10	16 1	19 36	26 59			♈		♈					
9	18 44	4 21	16 43	20 48	28 13			♈							
10	18 52	4 32	17 25	22 1	29 35				♈					♈	
11	18 59	4 43	18 7	23 13	1 0									♈	Δ
12	19 6	4 54	18 49	24 26	2 27	☉ ♂ h		Δ	Δ	Δ		♈			
13	19 14	5 5	19 32	25 38	3 58			Δ	Δ	Δ					
14	19 21	5 16	20 14	26 51	5 31	♅ * ♄									☐
15	19 28	5 28	20 57	28 3	7 6	☉ ♂ h		☐	☐	☐			Δ	Δ	
16	19 36	5 39	21 39	29 15	8 44							Δ			*
17	19 43	5 51	22 0	27 10	23			*		*			☐		
18	19 50	6 2	23 4	1 39	12 2				*				☐	☐	
19	19 58	6 14	23 47	2 51	13 42							*		*	
20	20 5	6 56	24 29	4 3	15 23							*		*	
21	20 12	6 38	25 12	5 15	17 4										♈
22	20 20	6 50	25 55	6 27	18 45	♀ ♂ ♄		♈	♈	♈					
23	20 27	7 2	26 38	7 39	20 27	♅ ♂ h									
24	20 34	7 14	27 21	8 52	22 8	♅ ♂ h							♈	♈	
25	20 42	7 26	28 4	10 4	23 49							♈		♈	
26	20 49	7 38	28 47	11 16	25 30					*	*	*			
27	20 56	7 50	29 30	12 28	27 10			*		*					*
28	21 4	8 2	0 14	13 40	28 50										
29	21 11	8 14	0 57	14 51	0 m 30				☐	☐					
30	21 18	8 27	1 41	16 3	2 10			☐				*	*		☐
31	21 25	8 39	2 24	17 15	3 49				Δ	Δ			*	*	

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	10	0 N 34	8 S 12	2 N 17	6 S 18	0 N 28	21 S 2
4	16	10	0 34	8 16	2 17	6 26	0 28	21 2
7	16	11	0 34	8 20	2 17	6 33	0 27	21 3
10	16	12	0 34	8 25	2 17	6 41	0 27	21 3
13	16	12	0 34	8 29	2 18	6 48	0 27	21 4
16	16	13	0 34	8 32	2 18	6 55	0 27	21 5
19	16	14	0 34	8 35	2 18	7 1	0 26	21 5
22	16	14	0 35	8 38	2 18	7 8	0 26	22
25	16	15	0 35	8 42	2 19	7 15	0 25	22
28	16	15	0 35	8 46	2 19	7 22	0 25	22 1

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	14 41 15	8 m 38 34	14 S 24	29 m 18	3 N 54	8 S 4	22 24
2	S	14 45 11	9 38 42	14 43	11 x 50	4 31	2 57	22 28
3	S	14 49 8	10 38 52	15 24	45	4 56	2 N 26	22 32
4	M	14 53 4	11 39 4	15 21	8 r 5	5 5	7 53	22 35
5	Tu	14 57 1	12 39 17	15 39	21 49	4 58	13 7	22 38
6	W	15 0 58	13 39 32	15 57	5 55	4 38	17 48	22 42
7	Th	15 4 54	14 39 49	16 15	20 19	3 49	21 31	22 46
8	F	15 8 51	15 40 7	16 33	4 54	2 51	23 56	22 50
9	S	15 12 48	16 40 27	16 50	19 34	1 40	24 43	22 53
10	S	15 16 45	17 40 50	17 7	4 51	0 23	23 47	22 57
11	M	15 20 41	18 41 14	17 24	18 40	0 55	21 15	23 0
12	Tu	15 24 37	19 41 40	17 41	2 59	2 8	17 26	23 3
13	W	15 28 34	20 42 8	17 57	17 4	3 13	12 40	23 6
14	Th	15 32 30	21 42 38	18 13	0 m 55	4 5	7 21	23 9
15	F	15 36 27	22 43 10	18 28	14 33	4 43	1 45	23 12
16	S	15 40 24	23 43 43	18 43	27 57	5 4	3 50	23 15
17	S	15 44 20	24 44 19	18 56	11 8	5 9	9 8	23 18
18	M	15 48 17	25 44 57	19 13	24 7	4 57	13 58	23 21
19	Tu	15 52 13	26 45 36	19 27	6 m 53	4 31	18 5	23 24
20	W	15 56 10	27 46 16	19 41	19 25	3 53	21 20	23 27
21	Th	16 0 6	28 46 59	19 55	1 f 48	3 3	23 32	23 30
22	F	16 4 3	29 47 43	20 8	13 58	2 6	24 35	23 33
23	S	16 8 0	0 f 48 27	20 20	25 58	1 4	24 28	23 36
24	S	16 11 56	1 49 14	20 33	7 v 50	0 N	1 23	23 39
25	M	16 15 52	2 50 2	20 45	19 36	1 5	20 57	23 42
26	Tu	16 19 49	3 50 50	20 56	1 m 24	2 6	17 49	23 45
27	W	16 23 46	4 51 40	21 8	13 13	3 2	13 57	23 48
28	Th	16 27 42	5 52 30	21 19	25 11	3 51	9 31	23 51
29	F	16 31 38	6 53 22	21 29	7 x 21	4 31	4 37	23 54
30	S	16 35 35	7 54 14	21 39	19 50	4 59	0 N 33	23 57

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 S 37	21 S 24	1 S 59	24 S 57	0 N 40	12 S 44	10 w 27
4	0 39	21 49	2 5	25 17	0 19	14 39	10 17
7	0 40	22 14	2 12	25 35	0 S 1	16 26	10 8
10	0 42	22 36	2 16	25 42	0 21	18 5	9 58
13	0 43	22 57	2 22	25 48	0 40	19 37	9 49
16	0 44	23 14	2 25	25 48	0 59	21 1	9 39
19	0 46	23 32	2 28	25 35	1 16	22 14	9 30
22	0 47	23 45	2 29	25 15	1 33	23 19	9 20
25	0 48	23 57	2 31	24 55	1 47	24 12	9 10
28	0 49	24 9	2 31	24 23	1 59	24 54	9 1

D M	h	γ	δ	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♃	♄	♅	♆	♇
1	21 32	8 52	3 8	18 26	5 m 28							
2	21 39	9 4	3 52	19 38	7 6		Δ		□	□		Δ
3	21 46	9 17	4 35	20 49	8 44	♀ * h					□	
4	21 53	9 29	5 19	22 1	10 21	♀ * h			Δ	Δ		
5	22 0	9 42	6 2	23 12	11 59			♂	♂		Δ	
6	22 7	9 55	6 46	24 23	13 36	☉ ♂ ♀						
7	22 14	10 8	7 30	25 34	15 12		♂					♂
8	22 21	10 21	8 14	26 45	16 48				♂	♂		
9	22 28	10 34	8 58	27 56	18 24			Δ	Δ			
10	22 35	10 47	9 42	29 7	19 59							♂
11	22 42	11 0	10 26	0 w 18	21 34		Δ	□	□			Δ
12	22 49	11 13	11 10	1 29	23 9	♂ ♂ ♄						
13	22 55	11 26	11 55	2 40	24 43		□	*		Δ	Δ	
14	23 2	11 39	12 39	3 50	26 17				*		Δ	□
15	23 9	11 52	13 24	5 1	27 51					□	□	
16	23 15	12 5	14 8	6 11	29 25		*					*
17	23 22	12 18	14 53	7 22	0 59	h ♂ h		♂	♂	*	*	□
18	23 29	12 31	15 37	8 32	2 32							
19	23 35	12 45	16 22	9 42	4 5						*	
20	23 42	12 58	17 6	10 53	5 38							
21	23 48	13 12	17 51	12 3	7 11		♂					
22	23 55	13 25	18 36	13 13	8 44					♂	♂	♂
23	24 1	13 39	19 21	14 23	10 17			*	*			
24	24 8	13 52	20 6	15 33	11 49							
25	24 14	14 6	20 51	16 43	13 21			□	□		♂	
26	24 20	14 19	21 36	17 53	14 53		*					
27	24 26	14 33	22 21	19 2	16 25					*		*
28	24 32	14 46	23 6	20 12	17 56			Δ	Δ	*		
29	24 38	15 0	23 51	21 21	19 28	♂ * h	□				*	□
30	24 44	15 13	24 36	22 31	20 59	♂ * h				□	□	*

DECEMBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 35	8 S 49	2 N 20	7 S 28	0 N 25	22 S 1
4	16	15	0 35	8 52	2 20	7 33	0 25	22 2
7	16	16	0 35	8 56	2 21	7 39	0 24	22 2
10	16	16	0 35	8 59	2 21	7 45	0 24	22 2
13	16	16	0 35	9 2	2 22	7 50	0 24	22 3
16	16	16	0 35	9 3	2 23	7 55	0 24	22 3
19	16	17	0 35	9 5	2 24	7 59	0 23	22 4
22	16	17	0 35	9 7	2 24	8 3	0 23	22 4
25	16	17	0 35	9 9	2 25	8 7	0 23	22 4
28	16	17	0 35	9 11	2 25	8 11	0 23	22 5
31	16	17	0 35	9 12	2 26	8 14	0 23	22 5

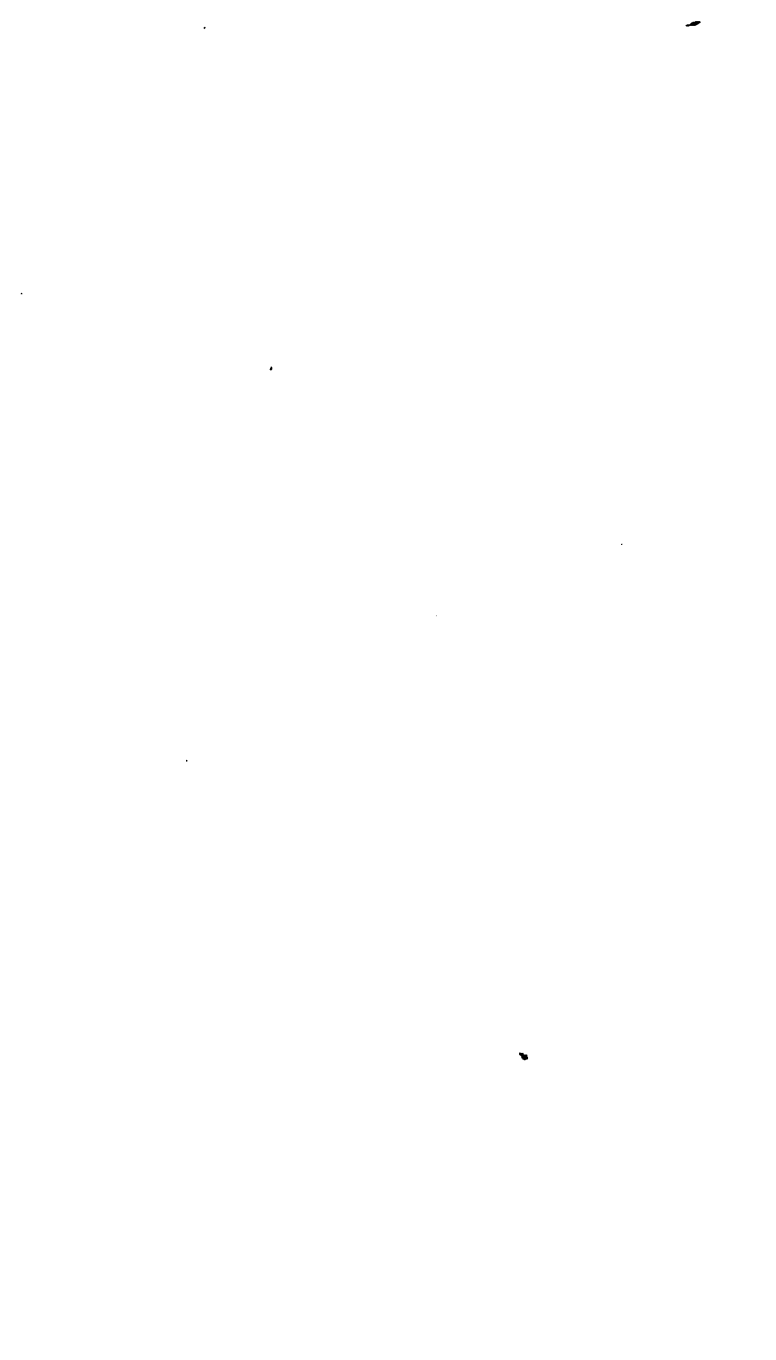
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	16 39 33	8 7 55	7 21 8 49	2 7 41	5 N 13	5 N 51	24 1
2	M	16 43 30	9 56 1	21 58 15	58 5	11 11	4	24 8
3	Tu	16 47 27	10 56 56	22 7 29	42 4	51 15	55	24 10
4	W	16 51 24	11 57 52	22 15 13	54 4	14 20	4	24 13
5	Th	16 55 21	12 58 48	22 23 28	29 3	19 23	4	24 16
6	F	16 59 18	13 59 46	22 30 13	21 2	9 24	34	24 19
7	S	17 3 14	15 0 44	22 37 28	23 0	50 24	17	24 22
8	S	17 7 11	16 1 44	22 44 13	25 0	33 22	15	24 25
9	M	17 11 8	17 2 45	22 50 28	19 1	53 18	41	24 27
10	Tu	17 15 4	18 3 46	22 56 12	59 3	4 14	0	24 30
11	W	17 19 1	19 4 49	23 1 37	20 4	2 8	37	24 32
12	Th	17 22 58	20 5 52	23 6 11	20 4	44 2	57	24 34
13	F	17 26 54	21 6 57	23 10 24	58 5	9 28	43	24 36
14	S	17 30 51	22 8 2	23 14 8	15 5	17 8	8	24 38
15	S	17 34 47	23 9 9	23 17 21	14 5	8 13	2	24 40
16	M	17 38 43	24 10 17	23 20 3	56 4	44 17	17	24 42
17	Tu	17 42 40	25 11 25	23 23 16	23 4	7 20	42	24 44
18	W	17 46 37	26 12 34	23 25 28	40 3	19 23	7	24 46
19	Th	17 50 33	27 13 44	23 26 10	46 2	23 24	26	24 49
20	F	17 54 30	28 14 55	23 27 22	45 1	20 24	36	24 52
21	S	17 58 27	29 16 5	23 28 4	38 0	15 23	38	24 55
22	S	18 2 24	0 17 16	23 28 16	27 0	N 50	21	24 57
23	M	18 6 19	1 18 28	23 27 28	14 1	53 18	42	24 59
24	Tu	18 10 16	2 19 40	23 27 10	3 2	52 14	59	25 1
25	W	18 14 12	3 20 51	23 25 21	54 3	43 10	42	25 3
26	Th	18 18 8	4 22 3	23 23 3	53 4	25 5	58	25 5
27	F	18 22 4	5 23 15	23 21 16	3 4	56 0	57	25 7
28	S	18 26 0	6 24 26	23 18 28	28 5	14 4	N 12	25 9
29	S	18 29 57	7 25 37	23 15 11	13 5	18 9	19	25 11
30	M	18 33 54	8 26 48	23 12 24	22 5	5 14	10	25 13
31	Tu	18 37 51	9 27 59	23 8 7	56 4	34 18	29	25 15

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 51	24 8 14	28 31	23 8 51	28 9	25 8 24	8 w 51
4	0 52	24 20	2 29	23 9	2 16	25 42	8 41
7	0 53	24 21	2 25	22 25	2 19	25 47	8 32
10	0 54	24 20	2 19	21 33	2 18	25 38	8 22
13	0 55	24 18	2 15	20 39	2 11	25 16	8 13
16	0 56	24 18	2 6	19 38	1 57	24 41	8 8
19	0 57	24 6	2 0	18 35	1 36	23 57	7 54
22	0 58	23 57	1 48	17 28	1 5	23 8	7 44
25	0 59	23 44	1 39	16 17	0 23	22 8	7 35
28	1 0	23 30	1 24	15 5	0 N 28	21 17	7 25
31	1 1	23 12	1 8	13 52	1 26	20 35	7 16

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	°	'	°	'	°	'	°	'	°	'	°	'
1	24△50	15 f 27	25 f 22	23 w 40	22 f 30	♀ □ h						
2	24 56 15	40 26	7 24	49 24	1	♀ □ h	Δ			Δ		
3	25 2 15	54 26	53 25	57 25	32	♀ * h		♈	♈		Δ	□ Δ
4	25 8 16	7 27	38 27	6 27	2	♀ * h						
5	25 14 16	21 28	24 28	14 28	31	♀ ♂ ♂						Δ
6	25 20 16	34 29	9 29	23 0 w 0			♈			♈		
7	25 25 16	48 29	55 0 m 31	1 29				Δ	Δ		♈	♈
8	25 31 17	2 0 w 40	1 39	2 57								♈
9	25 36 17	15 1	26 2	46 4	24	☉ ♂ ♄		□	□			♈
10	25 42 17	29 2	12 3	54 5	50		Δ			Δ		
11	25 47 17	42 2	58 5	1 7	15			*			Δ	
12	25 52 17	56 3	44 6	9 8	38							Δ
13	25 57 18	10 4	30 7	16 10	0		□			□		
14	26 2 18	23 5	16 8	23 11	20						□	Δ
15	26 7 18	37 6	2 9	29 12	37		*	♈	♈	*		
16	26 12 18	50 6	48 10	36 13	52						*	
17	26 17 19	4 7	34 11	42 15	4	☉ * h					□	*
18	26 22 19	17 8	20 12	48 16	12	☉ * h						
19	26 26 19	31 9	6 13	54 17	16							
20	26 31 19	45 9	52 14	59 18	15			*	*	♈	*	
21	26 35 19	58 10	38 16	4 19	8		♈					
22	26 40 20	12 11	24 17	9 19	55						♈	♈
23	26 44 20	26 12	11 18	13 20	37			□	□			
24	26 49 20	39 12	57 19	18 21	8							
25	26 53 20	53 13	44 20	22 21	28			Δ	Δ	*		♈
26	26 57 21	6 14	30 21	25 21	39	♀ * ♄	*					
27	27 1 21	20 15	16 22	28 21	R 42						□	*
28	27 5 21	33 16	3 23	31 21	33							*
29	27 9 21	47 16	49 24	34 21	10							
30	27 13 22	0 17	36 25	36 20	37	♀ Δ h	□	♈	♈	Δ	*	□
31	27 17 22	13 18	22 26	39 19	53		Δ					





RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1806.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.) 939 t. 160

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JANUARY XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	''	°	'	°	'	°	'
1	16	15		0 N 35	9 S 14	2 N 26	8 S 16	0 N 22	22 S 53
4	16	15		0 35	9 16	2 27	8 19	0 22	22 55
7	16	16		0 35	9 18	2 28	8 22	0 22	22 57
10	16	16		0 36	9 19	2 28	8 24	0 22	22 59
13	16	17		0 36	9 20	2 29	8 26	0 21	23 1
16	16	17		0 36	9 21	2 30	8 28	0 21	23 3
19	16	17		0 36	9 22	2 31	8 29	0 21	23 4
22	16	18		0 36	9 22	2 31	8 30	0 21	23 5
25	16	18		0 36	9 22	2 32	8 31	0 21	23 6
28	16	18		0 36	9 22	2 32	8 31	0 21	23 6
31	16	18		0 36	9 22	2 33	8 32	0 21	23 7

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	18 41 48	10 w 29	9 23 S	3 21 x 58	3 N 47	21 N 56	25 a 17
2	Th	18 45 44	11 30 20	22 58	6 n 27	2 44	24 6	25 19
3	F	18 49 41	12 31 29	22 52	21 18	1 29	24 39	25 20
4	S	18 53 38	13 32 39	22 46	6 s 25	0 6	23 24	25 22
5	S	18 57 34	14 33 49	22 40	21 40	1 S 18	20 25	25 23
6	M	19 1 31	15 34 58	22 33	6 s 53	2 37	16 3	25 24
7	Tu	19 5 27	16 36 7	22 26	21 53	3 43	10 43	25 26
8	W	19 9 24	17 37 16	22 18	6 w 34	4 33	4 53	25 27
9	Th	19 13 21	18 38 25	22 10	20 49	5 4	1 S 1	25 28
10	F	19 17 17	19 39 34	22 1	4 a 38	5 17	6 41	25 29
11	S	19 21 14	20 40 42	21 52	18 0	5 12	11 51	25 30
12	S	19 25 10	21 41 51	21 43	0 m 56	4 51	16 21	25 31
13	M	19 29 7	22 42 59	21 33	13 32	4 16	19 59	25 32
14	Tu	19 33 4	23 44 8	21 23	25 50	3 31	22 39	25 33
15	W	19 37 0	24 45 16	21 12	7 f 56	2 36	24 14	25 34
16	Th	19 40 57	25 46 23	21 1	19 52	1 36	24 40	25 35
17	F	19 44 53	26 47 30	20 49	1 w 42	0 32	23 59	25 35
18	S	19 48 50	27 48 37	20 37	13 30	0 N 33	22 14	25 36
19	S	19 52 46	28 49 43	20 25	25 17	1 37	19 31	25 36
20	M	19 56 43	29 50 48	20 12	7 m 7	2 37	15 59	25 37
21	Tu	20 0 39	0 m 51	52 19	59 19	0 3	29 11	49 25 37
22	W	20 4 35	1 52 56	19 46	0 x 59	4 14	7 11	25 38
23	Th	20 8 33	2 53 58	19 32	13 5	4 47	2 14	25 38
24	F	20 12 29	3 55 0	19 18	25 22	5 7	2 N 51	25 38
25	S	20 16 25	4 56 0	19 3	7 r 51	5 14	7 55	25 39
26	S	20 20 22	5 56 59	18 48	20 35	5 5	12 45	25 39
27	M	20 24 19	6 57 56	18 33	8 s 38	4 41	17 8	25 39
28	Th	20 28 16	7 58 52	18 17	17 2	4 120	47 25	39
29	W	20 32 12	8 59 47	18 2	0 n 49	8 6	23 22	25 R 39
30	Th	20 36 9	10 0 41	17 45	15 1	1 58	24 34	25 39
31	F	20 40 5	11 1 38	17 29	29 36	0 41	24 8	25 39

JANUARY XXXI DAYS.

D.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 1	23 8 6	18 8	13 8 21	1 N 46	20 S 23	7 w 13
4	1 1	22 48	0 50	11 58	2 37	19 59	7 3
7	1 2	22 23	0 35	10 43	3 11	19 48	6 54
10	1 2	21 59	0 16	9 23	3 22	19 51	6 44
13	1 3	21 30	0 N 3	7 59	3 15	20 5	6 35
16	1 3	21 0	0 25	6 44	2 55	20 26	6 25
19	1 4	20 29	0 48	5 16	2 27	20 52	6 16
22	1 4	19 56	1 14	4 0	1 57	21 17	6 6
25	1 4	19 20	1 39	2 35	1 26	21 39	5 57
28	1 4	18 40	2 9	1 20	0 55	21 55	5 47
31	1 4	18 3	2 42	0 5	0 26	22 3	5 38

D.	h		♈		♉		♊		♋		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	27	21	22	26	19	w	9	27	m	42	18	w	57	♀	Δ	h		Δ
2	27	25	22	39	19	55	28	42	17	R	49		♀	♂	♂		Δ	□
3	27	29	22	53	20	42	29	42	16	37				Δ	Δ	♂		Δ
4	27	32	23	6	21	29	0	42	15	22							Δ	
5	27	35	23	20	22	16	1	42	14	4	☉	♂	♀	♂	□	□	♂	♂
6	27	38	23	33	23	3	2	42	12	44					*	*	Δ	
7	27	41	23	46	23	50	3	42	11	23				*	*	Δ		
8	27	44	23	59	24	37	4	41	10	9							♂	Δ
9	27	47	24	12	25	24	5	39	9	3		Δ				□	Δ	
10	27	50	24	25	26	11	6	37	8	5								□
11	27	53	24	38	26	58	7	34	7	16		□		♂	♂	*	□	*
12	27	56	24	51	27	45	8	30	6	36	♂	□	h					
13	27	58	25	4	28	32	9	26	6	5				*			Δ	
14	28	1	25	17	29	19	10	21	5	44		*				*		□
15	28	3	25	30	0	m	6	11	15	5 D 33	♂	*	h					□
16	28	5	25	42	0	58	12	8	5	31	☉	□	h		*			♂
17	28	7	25	55	1	40	13	1	5	38				*	♂			♂
18	28	9	26	8	2	27	13	54	5	51	☉	□	h				*	
19	28	11	26	20	3	14	14	46	6	10		♂	□	□			♂	
20	28	13	26	33	4	1	15	37	6	35								
21	28	15	26	45	4	48	16	27	7	7				Δ	Δ	*		
22	28	16	26	57	5	35	17	16	7	47								
23	28	18	27	10	6	23	18	4	8	30							♂	*
24	28	19	27	22	7	9	18	52	9	16						□		
25	28	20	27	34	7	57	19	39	10	6		*					*	□
26	28	21	27	46	8	44	20	24	10	59				♂				
27	28	22	27	58	9	31	21	8	11	56		□		♂		Δ	□	
28	28	23	28	10	10	18	21	51	12	58								*
29	28	24	28	22	11	6	22	34	14	2	♂	*	h					Δ
30	28	25	28	34	11	53	23	16	15	8		Δ					Δ	
31	28	26	28	46	12	40	23	57	16	15				Δ	Δ	♂		□

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 36	9 S 22	2 N 34	8 S 32	0 N 20	23 S
4	16 15	0 36	9 22	2 35	8 31	0 20	23
7	16 14	0 36	9 21	2 36	8 31	0 20	23
10	16 14	0 36	9 20	2 36	8 29	0 20	23
13	16 13	0 36	9 19	2 37	8 28	0 20	23
16	16 13	0 36	9 19	2 38	8 26	0 20	23
19	16 11	0 36	9 18	2 39	8 25	0 19	23
22	16 11	0 37	9 17	2 39	8 23	0 19	23
25	16 10	0 37	9 16	2 40	8 20	0 19	23
28	16 10	0 37	9 14	2 40	8 81	0 19	23

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	20 44 2	12 ^m 2 24	17 S 12	14 ^m 30	0 S 41	22 N 0	25 ^m 25
2	S	20 47 58	13 3 13	16 55	29 38	2 0	18 17	25 R
3	M	20 51 55	14 4 1	16 37	14 ^m 50	3 11	13 21	25
4	Tu	20 55 51	15 4 48	16 20	29 56	4 9	7 37	25
5	W	20 59 48	16 5 34	16 2	14 ^m 47	4 48	1 34	25
6	Th	21 3 45	17 6 18	15 43	29 15	5 8	4 S 25	25
7	F	21 7 41	18 7 2	15 25	13 ^m 16	5 8	9 58	25
8	S	21 11 38	19 7 44	15 6	26 47	4 52	14 51	25
9	S	21 15 34	20 8 25	14 47	9 ^m 49	4 20	18 53	25
10	M	21 19 31	21 9 5	14 28	22 27	3 36	21 53	25
11	Tu	21 23 27	22 9 44	14 8	4 ^m 45	2 44	23 47	25
12	W	21 27 24	23 10 21	13 48	16 47	1 45	24 33	25
13	Th	21 31 20	24 10 58	13 28	28 39	0 43	24 10	25
14	F	21 35 17	25 11 38	13 8	10 ^m 26	0 N 21	22 42	25
15	S	21 39 14	26 12 7	12 48	22 12	1 24	20 15	25
16	S	21 43 10	27 12 40	12 27	4 ^m 0	2 23	16 58	25
17	M	21 47 7	28 13 11	12 6	15 45	3 15	12 59	25
18	Tu	21 51 3	29 13 40	11 45	27 55	4 1	8 27	25
19	W	21 55 0	0 ^m 14 8	11 24	10 ^m 6	4 35	3 33	25
20	Th	21 59 57	1 14 34	11 3	22 26	4 57	1 N 32	25
21	F	22 4 53	2 14 58	10 41	4 ^m 56	5 5	6 38	25
22	S	22 6 50	3 15 20	10 19	17 38	4 58	11 31	25
23	S	22 10 46	4 15 41	9 57	0 ^m 32	4 37	15 59	25
24	M	22 14 43	5 15 59	9 35	13 39	4 0	19 46	25
25	Tu	22 18 39	6 16 15	9 13	27 1	3 10	22 35	25
26	W	22 22 36	7 16 29	8 51	10 ^m 41	2 8	24 10	25
27	Th	22 26 33	8 16 41	8 28	24 38	0 57	24 18	25
28	F	22 30 29	9 16 51	8 6	8 ^m 53	0 S 19	22 51	25

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 5	17 8 50	2 N 47	0 N 24	0 N 17	22 S 3	5 w 34
4	1 5	17 10	3 22	1 34	0 S 10	21 59	5 24
7	1 5	16 25	3 50	2 43	0 35	21 43	5 15
10	1 5	15 40	4 27	3 44	0 57	21 17	5 5
13	1 5	14 54	4 48	4 44	1 16	20 39	4 56
16	1 5	14 6	5 37	5 58	1 33	19 50	4 46
19	1 4	13 17	6 8	6 17	1 47	18 49	4 37
22	1 4	12 27	6 44	6 47	1 57	17 35	4 27
25	1 4	11 37	7 14	7 13	2 5	16 10	4 18
28	1 4	10 47	7 44	7 20	2 9	14 33	4 8

D.	h	M	♂	♀	♀	Mutual	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	☿	♂	♀	♂		
1 28 26 28 58 13 28 24 36 17 25											♂		
2 28 26 29 10 14 15 25 14 18 35							☐	☐		Δ			
3 28 26 29 21 15 3 25 51 19 48					☉ ☽ ♂	♂				♂			
4 28 27 29 33 15 50 26 26 21 4						*	*	Δ					
5 28 27 29 44 16 38 26 59 22 22													
6 28 27 29 55 17 25 27 30 23 41									☐	♂	Δ		
7 28 27 0 6 18 13 27 59 25 0					♀ ☐ ☽	Δ				Δ			
8 28 27 0 17 19 0 28 27 26 20						♂	♂	*			☐		
9 28 27 0 28 19 48 28 54 27 42					♀ ☐ h								
10 28 27 0 39 20 35 29 20 29 5					♀ * ♀	☐			☐				
11 28 26 0 50 21 22 29 44 0 29										Δ	*		
12 28 26 1 1 22 10 0 6 1 55													
13 28 26 1 12 22 57 0 25 3 22						*	*	*	♂	*	☐		
14 28 26 1 22 23 44 0 42 4 50					☉ Δ ☽								
15 28 24 1 33 24 32 0 57 6 18							☐						
16 28 23 1 43 25 19 1 11 7 47					♂ Δ ☽			☐		*	♂		
17 28 22 1 54 26 7 1 23 9 17					☉ Δ h								
18 28 21 2 4 26 54 1 33 10 49						♂	Δ	Δ	*	♂			
19 28 19 2 14 27 41 1 40 12 22													
20 28 18 2 24 28 28 1 45 13 56					♂ Δ h								
21 28 16 2 34 29 15 1 47 15 31					☉ * ♀				☐	♂			
22 28 15 2 43 0 3 1 48 17 6											*		
23 28 13 2 53 0 50 1 43 18 42						*	♂	♂	Δ	*			
24 28 11 3 8 1 38 1 37 20 19													
25 28 9 3 12 2 25 1 29 21 58										☐	*		
26 28 7 3 22 3 12 1 18 23 38					♂ Δ ♀	☐		Δ					
27 28 5 3 31 4 0 1 5 25 19					♀ Δ ☽		Δ	Δ		☐	Δ		
28 28 3 3 41 4 47 0 51 27 0						Δ			♂	Δ			

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 37	9 S 12	2 N 41	8 S 16	0 N 19	23 S 6
4	16	9	0 37	9 10	2 42	8 12	0 19	23 5
7	16	8	0 37	9 8	2 43	8 9	0 18	23 4
10	16	8	0 37	9 6	2 43	8 6	0 18	23 4
13	16	7	0 37	9 4	2 44	8 2	0 18	23 3
16	16	6	0 37	9 2	2 44	7 57	0 18	23 2
19	16	5	0 37	9 0	2 45	7 53	0 18	23 1
22	16	4	0 37	8 58	2 45	7 48	0 18	23 1
25	16	3	0 37	8 56	2 46	7 44	0 17	23 0
28	16	3	0 37	8 54	2 46	7 40	0 17	22 59
31	16	2	0 37	8 51	2 47	7 35	0 16	22 58

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	22 34 25	10 16 58	7 S 43	23 26	1 S 35	19 N 52	25 15
2	S	22 38 22	11 17 4	7 20	8 S 12	2 46	15 34	25 13
3	M	22 42 19	12 17 8	6 58	23 5	3 46	10 17	25 11
4	Tu	22 46 15	13 17 9	6 35	7 58	4 30	4 25	25 9
5	W	22 50 10	14 17 9	6 11	22 42	4 56	1 S 38	25 8
6	Th	22 54 8	15 17 7	5 48	7 8	5 2	7 28	25 6
7	F	22 58 5	16 17 3	5 25	21 11	4 50	12 45	25 4
8	S	23 2 1	17 16 57	5 2	4 46	4 21	17 13	25 2
9	S	23 5 58	18 16 49	4 38	17 54	3 39	20 42	25 1
10	M	23 9 55	19 16 40	4 15	0 37	2 48	23 2	24 59
11	Tu	23 13 51	20 16 29	3 51	12 58	1 50	24 12	24 57
12	W	23 17 48	21 16 16	3 28	25 2	0 48	24 10	24 55
13	Th	23 21 44	22 16 2	3 4	6 55	0 N 15	23 2	24 53
14	F	23 25 41	23 15 46	2 41	18 42	1 17	20 53	24 51
15	S	23 29 38	24 15 28	2 17	0 29	2 15	17 52	24 49
16	S	23 33 34	25 15 9	1 53	12 21	3 8	14 6	24 47
17	M	23 37 30	26 14 48	1 30	24 20	3 53	9 46	24 45
18	Tu	23 41 27	27 14 24	1 6	6 30	4 28	4 59	24 43
19	W	23 45 24	28 13 59	0 42	18 53	4 51	0 N 3	24 41
20	Th	23 49 20	29 13 32	0 18	1 29	5 0	5 10	24 39
21	F	23 52 17	0 13 3	0 N 5	14 18	4 54	10 10	24 36
22	S	23 56 13	1 12 32	0 29	27 20	4 33	14 47	24 34
23	S	0 1 9	2 11 58	0 53	10 33	3 58	18 45	24 32
24	M	0 5 6	3 11 22	1 16	23 56	3 8	21 49	24 29
25	Tu	0 9 3	4 10 44	1 40	7 30	2 8	23 41	24 27
26	W	0 12 59	5 10 3	2 3	21 14	0 59	24 9	24 24
27	Th	0 16 56	6 9 20	2 27	5 8	0 S 15	23 7	24 21
28	F	0 20 52	7 8 35	2 50	19 13	1 28	20 38	24 19
29	S	0 24 49	8 7 47	3 14	3 28	2 36	16 52	24 16
30	S	0 29 45	9 6 58	3 37	17 51	3 36	12 4	24 14
31	M	0 32 42	10 6 5	4 0	2 19	4 21	6 35	24 12

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 3	10 S 27	7 N 52	7 N 26	2 S 9	13 S 58	4 w 5
4	1 8	9 34	8 19	7 15	2 8	12 4	3 55
7	1 2	8 40	8 31	7 1	2 3	9 58	3 46
10	1 1	7 45	8 40	6 30	1 53	7 41	3 36
13	1 0	6 50	8 42	5 47	1 38	5 13	3 27
16	1 0	5 53	8 35	4 50	1 19	2 36	3 17
19	0 59	4 57	8 18	3 58	0 55	0 N 10	3 8
22	0 58	4 0	7 56	2 58	0 26	3 1	2 58
25	0 57	3 5	7 25	1 59	0 N 7	5 51	2 49
28	0 56	2 10	6 48	0 57	0 42	8 37	2 39
31	0 55	1 5	6 16	0 8	1 17	11 11	2 29

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	28 1	3 w 50	5 x 35	0 r 35	28 m 42			☐	☐			Δ
2	27 5	3 59	6 22	0 R 14	0 x 25							
3	27 57	4 7	7 10	29 x 51	2 10			*	*			
4	27 54	4 16	7 57	29 26	3 56		♂			Δ	♂	♂
5	27 52	4 24	8 44	28 59	5 43							♂
6	27 49	4 33	9 32	28 30	7 31			♂	♂		☐	
7	27 46	4 41	10 19	27 59	9 20					*		
8	27 43	4 49	11 6	27 26	11 10							
9	27 40	4 57	11 53	26 51	13 1		Δ				Δ	Δ
10	27 37	5 5	12 41	26 16	14 54						Δ	
11	27 34	5 13	13 28	25 40	16 48						☐	☐
12	27 31	5 21	14 15	25 4	18 42			☐	*	*		☐
13	27 27	5 28	15 2	24 27	20 38	♂♂♀				♂		
14	27 24	5 35	15 49	23 50	22 34	☉♂♀	*				*	*
15	27 20	5 42	16 36	23 13	24 32	☉♂♀		☐	☐			
16	27 17	5 49	17 23	22 36	26 31							
17	27 13	5 56	18 10	21 59	28 31			Δ	Δ			
18	27 10	6 3	18 57	21 22	0 r 31					*		
19	27 6	6 10	19 44	20 46	2 31		♂				♂	♂
20	27 3	6 16	20 31	20 11	4 32				☐			♂
21	26 59	6 22	21 18	19 38	6 33	♀☐♄						
22	26 55	6 28	22 5	19 7	8 34			♂	♂			
23	26 51	6 34	22 52	18 38	10 35					Δ		
24	26 47	6 40	23 39	18 11	12 35						*	*
25	26 43	6 46	24 26	17 45	14 34		*					
26	26 39	6 51	25 13	17 22	16 32			Δ	Δ		☐	☐
27	26 35	6 56	26 0	17 1	18 28		☐			♂		*
28	26 31	7 1	26 47	16 43	20 22	☉☐♄		☐				☐
29	26 26	7 6	27 33	16 27	22 14		Δ		☐		Δ	Δ
30	26 22	7 11	28 20	16 13	24 3	♂♂♂		*				Δ
31	26 18	7 16	29 7	16 1	25 49	♂♂♂			*	Δ		

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 37	8 S 49	2 N 46	7 S 33	0 N 17	22 S 58
4	16	0	0 37	8 46	2 46	7 28	0 17	22 58
7	15	59	0 37	8 43	2 46	7 24	0 17	22 57
10	15	58	0 37	8 39	2 46	7 19	0 17	22 57
13	15	58	0 37	8 36	2 46	7 14	0 16	22 57
16	15	57	0 37	8 34	2 46	7 9	0 16	22 58
19	15	56	0 37	8 32	2 46	7 4	0 16	22 58
22	15	56	0 37	8 30	2 46	6 59	0 16	22 58
25	15	55	0 37	8 27	2 46	6 54	0 15	22 58
28	15	54	0 37	8 24	2 46	6 49	0 15	22 58

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	0 36 39	11 r 5 11	4 N 23	16 m 46	4 S 50	0 N 46	24 a 10
2	W	0 40 36	12 4 14	4 47	1 a 7	5 1	5 S 3	24 B 8
3	Th	0 44 32	13 3 15	5 10	15 16	4 53	10 31	24 5
4	F	0 47 29	14 2 14	5 33	29 6	4 27	15 19	24 3
5	S	0 52 25	15 1 11	5 55	12 m 35	3 47	19 14	24 1
6	S	0 56 21	16 0 7	6 18	25 40	2 56	22 3	23 59
7	M	1 0 18	16 59 0	6 41	8 f 23	1 57	23 39	23 57
8	Tu	1 4 15	17 57 52	7 3	20 45	0 54	24 3	23 54
9	W	1 8 11	18 56 42	7 26	2 v 52	0 N 10	23 16	23 51
10	Th	1 12 8	19 55 30	7 48	14 47	1 12	21 27	23 48
11	F	1 16 42	20 54 17	8 10	26 36	2 12	18 42	23 45
12	S	1 20 02	21 53 2	8 32	8 m 25	3 5	15 11	23 42
13	S	1 23 57	22 51 45	8 54	20 19	3 51	11 5	23 40
14	M	1 27 54	23 50 27	9 16	2 x 23	4 27	6 29	23 37
15	Tu	1 31 51	24 49 7	9 37	14 40	4 52	1 34	23 34
16	W	1 35 47	25 47 45	9 59	27 12	5 3	3 N 31	23 32
17	Th	1 39 43	26 46 21	10 20	10 r 2	4 59	8 34	23 29
18	F	1 43 39	27 44 56	10 41	23 10	4 40	13 20	23 27
19	S	1 47 35	28 43 28	11 2	6 s 33	4 4	17 34	23 24
20	S	1 51 38	29 41 59	11 24	20 10	3 15	20 56	23 22
21	M	1 55 28	0 s 40 27	11 44	3 u 58	2 13	23 9	23 19
22	Tu	1 59 25	1 38 54	12 4	17 53	1 8	23 57	23 16
23	W	2 3 22	2 37 18	12 24	1 s 55	0 S 12	23 15	23 13
24	Th	2 7 18	3 35 41	12 44	16 0	1 26	21 5	23 11
25	F	2 11 15	4 34 1	13 3	0 Q 7	2 35	17 37	23 8
26	S	2 15 12	5 32 19	13 23	14 16	3 36	13 8	23 6
27	S	2 19 8	6 30 35	13 42	28 24	4 22	7 56	23 3
28	M	2 23 5	7 28 49	14 1	12 m 31	4 53	2 21	23 0
29	Tu	2 27 1	8 27 1	14 20	26 44	5 6	8 S 18	22 58
30	W	2 30 58	9 25 11	14 39	10 a 26	5 1	8 45	22 56

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 54	08 52	6 N 1	08 3	1 N 29	11 N 59	2 w 27
4	0 53	0 N 3	5 27	0 38	2 1	14 8	2 17
7	0 52	1 0	4 43	1 16	2 28	15 54	2 8
10	0 51	1 56	4 10	1 36	2 48	17 14	1 58
13	0 50	2 52	3 27	1 56	2 59	18 7	1 49
16	0 49	3 47	2 55	2 1	2 59	18 31	1 39
19	0 47	4 42	2 18	2 4	2 48	18 27	1 30
22	0 46	5 36	1 37	2 0	2 24	17 55	1 20
25	0 44	6 31	1 17	1 42	1 49	17 0	1 11
28	0 43	7 27	0 37	1 24	1 5	15 45	1 1

D M	h Long.	♄ Long.	♅ Long.	♆ Long.	♁ Long.	Mutual Aspts.	Lunar Aspects.								
							☉	☿	♈	♉	♊	♋	♌	♍	
	° /	° /	° /	° /	° /										
1	26 13	7 w 21	29 x 53	15 x 50	27 r 30									♋	
2	26 R 9	7 25	0 r 39	15 R 42	29 11							☐	♋		
3	26 5	7 29	1 26	15 37	0 x 45		♋								
4	26 0	7 33	2 12	15 D 35	2 11		♈	♈						♋	
5	25 56	7 37	2 59	15 35	3 33					*			Δ		
6	25 52	7 41	3 45	15 38	4 52										
7	25 47	7 44	4 31	15 43	6 8								Δ		
8	25 43	7 47	5 17	15 54	7 18	☿ Δ ♄	Δ	*	*					☐	
9	25 38	7 50	6 4	16 5	8 20					♈		☐		*	
10	25 34	7 53	6 50	16 17	9 14		☐						*	Δ	
11	25 29	7 56	7 36	16 30	10 3	♋ ☐ ♄		☐	☐				*		
12	25 24	7 59	8 23	16 45	10 47								*		☐
13	25 19	8 1	9 9	17 2	11 26			*	Δ	Δ					
14	25 14	8 3	9 55	17 22	11 59	☉ ♋ ☿					*				
15	25 10	8 5	10 41	17 43	12 25									♈	*
16	25 5	8 7	11 27	18 6	12 44	☉ ♋ ♈									
17	25 0	8 9	12 13	18 31	12 56										
18	24 56	8 11	12 59	18 58	13 3		♈	♋	♋				♈		
19	24 52	8 12	13 25	19 27	13 R 5							Δ			♈
20	24 47	8 13	14 31	19 57	13 0									*	
21	24 43	8 14	15 17	20 28	12 50										
22	24 38	8 14	16 3	21 1	12 36				Δ	Δ			*	☐	
23	24 34	8 15	16 49	21 35	12 16		*						♋		
24	24 29	8 15	17 35	22 10	11 52								☐	Δ	*
25	24 25	8 15	18 20	22 46	11 23		☐	☐	☐						
26	24 20	8 16	19 6	23 23	10 51								Δ		☐
27	24 16	8 16	19 51	24 2	10 17				*	*					
28	24 12	8 R 16	20 37	24 42	9 41	☉ ☈ ☿	Δ				Δ				Δ
29	24 7	8 15	21 22	25 23	9 4	☉ Δ ♄								♋	
30	24 3	8 14	22 8	26 5	8 25							☐			

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	"	"	"	"	"	"	"
1	15 54	0 N 37	8 S 21	2 N 46	6 S 44	0 N 15	22 S 58
4	15 54	0 37	8 18	2 46	6 40	0 15	22 59
7	15 53	0 37	8 15	2 45	6 36	0 14	22 59
10	15 52	0 37	8 12	2 45	6 32	0 14	23 0
13	15 51	0 37	8 10	2 45	6 28	0 14	23 0
16	15 51	0 37	8 8	2 45	6 24	0 14	23 1
19	15 50	0 37	8 6	2 44	6 21	0 13	23 2
22	15 50	0 36	8 5	2 44	6 18	0 13	23 3
25	15 49	0 36	8 4	2 43	6 15	0 13	23 4
28	15 49	0 36	8 2	2 43	6 12	0 13	23 5
31	15 48	0 36	8 0	2 43	6 10	0 13	23 6

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	"	"	"	"	"	"
1	Th	2 34 54	10 23 19	14 N 57	24 29	4 S 39	13 S 41	22 54
2	F	2 38 51	11 21 26	15 15	7 m 36	4 17	51	22 52
3	S	2 42 49	12 19 30	15 33	20 47	3 11	21 3	22 50
4	S	2 46 44	13 17 33	15 51	3 40	2 12	23 4	22 47
5	M	2 50 41	14 15 35	16 16	8 16	1 23	53	22 45
6	Tu	2 54 37	15 13 35	16 25	28 34	0 23	29	22 43
7	W	2 58 34	16 11 33	16 42	10 w 39	1 N 32	1	22 41
8	Th	3 2 30	17 9 31	16 58	22 35	2 51	19 31	22 38
9	F	3 6 27	18 7 27	17 15	4 m 26	3 11	16 15	22 36
10	S	3 10 23	19 5 21	17 31	16 16	3 49	12 20	22 34
11	S	3 14 19	20 3 15	17 46	28 11	4 28	7 56	22 31
12	M	3 18 16	21 1 8	18 2	10 x 17	4 55	3 10	22 29
13	Tu	3 22 13	21 58 59	18 17	22 36	5 9	1 N 48	22 26
14	W	3 26 9	22 56 49	18 32	5 r 14	5 9	6 49	22 24
15	Th	3 30 6	23 54 38	18 46	18 11	4 54	11 40	22 22
16	F	3 34 3	24 52 26	19 0	1 8 31	4 22	16 7	22 20
17	S	3 37 59	25 50 12	19 14	15 11	3 35	19 50	22 18
18	S	3 41 56	26 47 57	19 28	29 9	2 34	22 29	22 16
19	M	3 45 53	27 45 41	19 41	13 22	1 22	23 47	22 14
20	Tu	3 49 49	28 43 23	19 54	27 44	0 42	31	22 12
21	W	3 53 46	29 41 9	20 6	12 510	1 S 15	21 40	22 11
22	Th	3 57 42	0 38 44	20 18	26 37	2 29	18 26	22 9
23	F	4 1 38	1 36 22	20 30	10 59	3 33	14 5	22 8
24	S	4 5 35	2 33 58	20 42	25 14	4 23	8 59	22 6
25	S	4 9 31	3 31 33	20 53	9 m 20	4 57	3 29	22 4
26	M	4 13 29	4 29 7	21 4	23 15	5 13	28 6	22 2
27	Tu	4 17 24	5 26 39	21 14	6 58	5 11	7 31	22 0
28	W	4 21 21	6 24 10	21 24	20 28	4 52	12 30	21 59
29	Th	4 25 18	7 21 39	21 34	3 m 45	4 17	16 48	21 58
30	F	4 30 14	8 19 7	21 43	16 48	3 29	20 13	21 56
31	S	4 34 11	9 16 35	21 52	29 37	2 32	22 33	21 55

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	08 41	8 N 16	0 N 24	08 54	0 N 14	14 N 20	0 γ 52
4	0 40	9 8	0 4	0 23	08 38	12 56	0 42
7	0 38	9 59	08 21	0 N 15	1 26	11 41	0 32
10	0 36	10 48	0 45	0 52	2 9	10 43	0 28
13	0 34	11 37	0 59	1 41	2 43	10 6	0 18
16	0 33	12 24	1 14	2 30	3 9	9 51	0 4
19	0 31	13 10	1 30	3 20	3 25	9 58	29 ♄ 54
22	0 29	13 54	1 42	4 17	3 33	10 25	29 45
25	0 27	14 39	1 54	5 10	3 34	11 9	29 35
28	0 26	15 19	2 4	6 16	3 27	12 8	29 26
31	0 24	16 5	2 12	7 32	3 14	13 19	29 16

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♈	♉	♊	♋	♌	♍
	° ' "	° ' "	° ' "	° ' "	° ' "									
1	23 Δ 59	8 γ 12	22 γ 53	26 × 48	7 8 46	♂ ♂ ♄		♂	♂			♂		
2	23 ♀ 54	8 ♀ 10	23 38	27 32	7 ♀ 8	♂ ♂ ♄	♂		♂	*				♂
3	23 50	8 9	24 24	28 17	6 32									
4	23 46	8 7	25 9	29 3	5 57									Δ
5	23 42	8 6	25 55	29 50	5 25									
6	23 38	8 4	26 40	0 γ 37	4 56			*	*			Δ	□	
7	23 34	8 2	27 25	1 25	4 30						♂			Δ
8	23 30	8 0	28 10	2 14	4 8		Δ	□	□			□		
9	23 26	7 57	28 55	3 4	3 50							*	□	
10	23 22	7 55	29 40	3 54	3 37		□							
11	23 18	7 52	0 8 25	4 45	3 28				Δ	Δ		*		*
12	23 14	7 50	1 10	5 37	3 D 23						*			
13	23 10	7 47	1 54	6 30	3 23			*						
14	23 6	7 43	2 39	7 23	3 27	♀ □ ♄					□	♂		.
15	23 2	7 39	3 24	8 16	3 36	♀ ♂ ♂		♂	♂					
16	22 59	7 35	4 8	9 10	3 50						Δ	♂		♂
17	22 55	7 31	4 53	10 4	4 8									
18	22 52	7 27	5 38	10 59	4 31		♂							
19	22 49	7 23	6 22	11 55	4 58							*		
20	22 46	7 18	7 7	12 51	5 29	♂ Δ ♄			Δ	Δ				
21	22 43	7 14	7 51	13 48	6 4							♂	*	□
22	22 40	7 9	8 36	14 45	6 43			*	□	□				*
23	22 37	7 5	9 20	15 43	7 26	♀ Δ ♄						□	Δ	□
24	22 34	7 0	10 5	16 40	8 12				*	*				
25	22 31	6 55	10 49	17 38	9 2		□				Δ	Δ		Δ
26	22 28	6 50	11 8	18 37	9 55									
27	22 25	6 45	12 17	19 36	10 52		Δ				□			
28	22 23	6 39	13 12	20 36	11 52			♂	♂					♂
29	22 20	6 34	13 45	21 36	12 55						*			
30	22 17	6 28	14 29	22 36	14 2	♀ ♂ ♄						♂		♂
31	22 15	6 22	15 13	23 36	15 12	♀ ♂ ♂								

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 36	7 S 59	2 N 41	6 S 10	0 N 12	23 S 7
4	15	48	0 36	7 57	2 41	6 8	0 12	23 9
7	15	47	0 36	7 55	2 40	6 7	0 11	23 10
10	15	47	0 36	7 54	2 39	6 6	0 11	23 11
13	15	46	0 36	7 54	2 38	6 5	0 10	23 12
16	15	46	0 36	7 53	2 38	6 3	0 10	23 13
19	15	46	0 36	7 53	2 37	6 4	0 9	23 15
22	15	46	0 35	7 52	2 36	6 4	0 9	23 16
25	15	46	0 35	7 52	2 35	6 5	0 9	23 17
28	15	45	0 35	7 52	2 34	6 6	0 9	23 18

D M	D W	Sideresal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	4 37 8	10 14	1 22 N 0	12 7 12	1 S 27	23 S 43	21 53
2	M	4 41 4	11 26	22 8 24	35 0 20	23 41	21 52	
3	Tu	4 45 1	12 8 50	22 16 6	45 0 N 47	22 31	21 50	
4	W	4 48 57	13 6 14	22 24 18	46 1 51	20 19	21 49	
5	Th	4 52 54	14 3 37	22 31 0	39 2 50	17 16	21 47	
6	F	4 56 50	15 0 59	22 37 12	30 3 41	13 82	21 46	
7	S	5 0 47	15 58 21	22 43 24	21 4 23	9 17	21 45	
8	S	5 4 44	16 55 42	22 49 6	16 4 54	4 40	21 44	
9	M	5 8 40	17 53 32	22 55 18	21 5 12	0 N 12	21 43	
10	Tu	5 12 37	18 50 23	23 0 0	21 5 17	5 7	21 42	
11	W	5 16 38	19 47 43	23 4 13	17 5 6	9 57	21 41	
12	Th	5 20 30	20 45 32	23 8 26	16 4 40	14 30	21 40	
13	F	5 24 26	21 42 22	23 12 9	38 3 58	18 29	21 39	
14	S	5 28 23	22 39 41	23 16 23	25 3 22	35 21	21 38	
15	S	5 32 20	23 37 0	23 19 7	36 1 52	23 27	21 37	
16	M	5 36 16	24 34 18	23 21 22	6 0 34	23 48	21 37	
17	Tu	5 40 13	25 31 85	23 23 6	51 0 S 47	22 30	21 36	
18	W	5 44 10	26 28 52	23 25 21	42 2 7	19 38	21 35	
19	Th	5 48 7	27 26 9	23 26 6	33 3 17	15 28	21 35	
20	F	5 52 4	28 23 24	23 27 21	16 4 14	10 25	21 34	
21	S	5 56 0	29 20 40	23 28 5	47 4 53	4 51	21 34	
22	S	5 59 56	30 17 54	23 28 20	0 5 14	0 S 51	21 34	
23	M	6 3 52	1 15 8	23 27 3	54 5 16	6 23	21 33	
24	Tu	6 7 49	2 12 21	23 27 17	29 5 0	11 29	21 33	
25	W	6 11 46	3 9 34	23 26 0	44 4 28	15 55	21 33	
26	Th	6 15 43	4 6 46	23 24 13	43 3 43	19 31	21 33	
27	F	6 19 39	5 3 58	23 22 26	25 2 48	22 7	21 33	
28	S	6 23 36	6 1 10	23 20 8	55 1 46	23 33	21 33	
29	S	6 27 33	6 58 21	23 17 21	14 0 39	23 50	21 D 33	
30	M	6 31 29	7 55 32	23 14 3	22 0 N 28	22 57	21 33	

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	08 23	16 N 14	28 14	7 N 27	38 9	13 N 45	29 18
4	0 21	16 54	2 19	8 30	2 48	15 9	29 3
7	0 19	17 32	2 27	9 27	2 24	16 39	28 54
10	0 17	18 7	2 30	10 30	1 55	18 12	28 44
13	0 15	18 32	2 33	11 28	1 23	19 44	28 35
16	0 13	19 14	2 34	12 28	0 49	21 12	28 25
19	0 11	19 46	2 35	13 26	0 15	22 30	28 16
22	0 9	20 14	2 35	14 24	0 N 18	23 33	28 6
25	0 7	20 42	2 34	15 19	0 48	24 15	27 57
28	0 4	21 8	2 32	16 17	1 13	24 34	27 47

D M	h	♄	♅	♆	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	22 12	6 16	15 56	24 36	16 25		♂						
2	22 10	6 10	16 40	25 37	17 39			*	*			Δ	
3	22 8	6 3	17 24	26 38	18 58					♂			
4	22 6	5 57	18 7	27 40	20 21			□	□			Δ	Δ
5	22 4	5 50	18 51	28 41	21 46							□	
6	22 2	5 44	19 35	29 43	23 13		Δ						
7	22 0	5 37	20 18	0 45	24 43			Δ	Δ			□	□
8	21 58	5 30	21 2	1 47	26 16					*		*	
9	21 57	5 23	21 45	2 50	27 52		□				*		
10	21 55	5 16	22 28	3 53	29 30					□			*
11	21 54	5 9	23 11	4 56	1 11	♀ Δ ♄		*	♂	♂			
12	21 52	5 2	23 54	6 0	2 55			*					
13	21 51	4 55	24 37	7 4	4 42	☉ Δ h					Δ		♂
14	21 50	4 48	25 20	8 8	6 32	☉ Δ h						♂	
15	21 49	4 40	26 3	9 13	8 24								♂
16	21 48	4 33	26 46	10 17	10 18		♂	Δ	Δ				
17	21 47	4 25	27 29	11 22	12 14					♂		*	
18	21 46	4 18	28 12	12 26	14 13			□	□		*		
19	21 46	4 10	28 54	13 31	16 15								
20	21 46	4 2	29 37	14 36	18 18			*	*			□	*
21	21 46	3 55	0 20	15 43	20 23	♂ Δ h	*				Δ	□	
22	21 45	3 47	1 2	16 47	22 30	♂ Δ h						Δ	□
23	21 45	3 40	1 45	17 53	24 38		□				□	Δ	
24	21 45	3 32	2 28	18 58	26 47			♂	♂				
25	21 45	3 24	3 10	20 4	28 57	☉ ♂ ♄	Δ				*		Δ
26	21 45	3 17	3 53	21 10	1 7								
27	21 45	3 9	4 35	22 17	3 18	♂ ♂ ♄							♂
28	21 45	3 1	5 17	23 23	5 30	☉ ♂ ♂							
29	21 46	2 54	5 39	24 30	7 41				*	*		♂	
30	21 46	2 46	6 41	25 36	9 51		♂				♂		

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 35	7 S 52	2 N 33	6 S 7	0 N 8	23 S 18
4	15	45	0 35	7 52	2 33	6 9	0 8	23 19
7	15	45	0 35	7 53	2 32	6 11	0 7	23 20
10	15	46	0 35	7 54	2 31	6 13	0 7	23 21
13	15	46	0 35	7 55	2 30	6 15	0 6	23 21
16	15	46	0 35	7 56	2 30	6 18	0 6	23 22
19	15	46	0 35	7 56	2 29	6 21	0 5	23 22
22	15	46	0 34	7 57	2 28	6 25	0 5	23 23
25	15	47	0 34	7 59	2 27	6 29	0 4	23 23
28	15	47	0 34	8 0	2 27	6 33	0 4	23 24
31	15	47	0 34	8 2	2 27	6 38	0 4	23 24

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	6 35 26	8 52 43	23 N 10	15 W 23	1 N 33	21 S 2	21 Δ 33
2	W	6 39 22	9 49 53	23	6 27 18	2 34	18 12	21 33
3	Th	6 43 19	10 47 42	23	1 9 m 9	3 27	14 39	21 33
4	F	6 48 14	11 44 15	22	57 20 59	4 12	10 32	21 34
5	S	6 51 12	12 41 27	22	51 2 x 51	4 46	6 2	21 34
6	S	6 55 9	13 38 38	22	46 14 47	5 7	1 16	21 34
7	M	6 59 5	14 35 50	22	40 26 52	5 16	3 N 35	21 35
8	Tu	7 3 2	15 33 32	22	33 9 r 9	5 10	8 23	21 35
9	W	7 6 58	16 30 16	22	27 21 43	4 50	12 57	21 35
10	Th	7 10 55	17 27 30	22	19 4 x 37	4 14	17 4	21 36
11	F	7 14 51	18 24 44	22	12 17 56	3 24	20 28	21 36
12	S	7 18 48	19 21 58	22	4 1 Δ 40	2 21	22 49	21 37
13	S	7 22 45	20 19 14	21	55 15 51	1 8	23 50	21 38
14	M	7 26 41	21 16 29	21	47 0 26	0 S 18	23 15	21 39
15	Tu	7 30 37	22 13 46	21	38 15 22	1 33	21 2	21 39
16	W	7 34 34	23 11 22	21	28 0 Δ 29	2 48	17 20	21 40
17	Th	7 38 30	24 8 19	21	18 15 39	3 52	12 28	21 41
18	F	7 42 27	25 5 37	21	8 0 m 42	4 39	6 53	21 41
19	S	7 46 24	26 2 54	20	58 15 30	5 6	1 1	21 42
20	S	7 50 20	27 0 12	20	47 29 56	5 13	4 S 46	21 43
21	M	7 54 17	27 57 31	20	35 13 Δ 57	5 1	10 8	21 44
22	Tu	7 58 14	28 54 49	20	24 27 32	4 33	14 51	21 45
23	W	8 2 11	29 52 8	20	12 10 m 43	3 50	18 42	21 46
24	Th	8 6 7	0 Δ 49	27 20	0 23 51	2 57	21 32	21 47
25	F	8 10 3	1 46 47	19	47 6 f 2	1 57	23 16	21 49
26	S	8 14 0	2 44 7	19	34 18 19	0 53	23 49	21 50
27	S	8 17 57	3 41 28	19	21 0 W 24	0 N 13	23 15	21 51
28	M	8 21 53	4 38 49	19	7 12 22	1 18	21 36	21 53
29	Tu	8 25 49	5 36 10	18	53 24 16	2 18	19 1	21 54
30	W	8 29 46	6 33 33	18	39 6 m 6	3 12	15 39	21 56
31	Th	8 33 42	7 30 56	18	25 17 57	3 58	11 41	21 58

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 2	21 N 31	28 28	17 N 3	1 N 32	24 N 27	27 7 38
4	0 0	21 52	2 24	17 52	1 45	23 56	27 28
7	0 N 2	22 13	2 19	18 86	1 51	23 3	27 19
10	0 4	22 33	2 13	19 16	1 50	21 53	27 9
13	0 6	22 48	2 7	19 55	1 44	20 28	27 0
16	0 8	23 8	2 0	20 26	1 33	18 53	26 50
19	0 11	23 15	1 52	20 58	1 17	17 9	26 41
22	0 13	23 26	1 44	21 23	0 57	15 21	26 31
25	0 15	23 34	1 36	21 46	0 33	13 30	26 21
28	0 17	23 40	1 27	21 55	0 7	11 38	26 12
31	0 19	23 44	1 18	22 9	0 S 22	9 48	26 2

D M	h		♄		♅		♆		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	21 46	2 38	7 23	26 8	43 12	50 0										♌
2	21 47	2 30	8 5	27 50	14 9					☐	☐					♌
3	21 48	2 23	8 47	28 57	16 16										♌	
4	21 49	2 15	9 29	0 4	18 22					♌	♌					
5	21 50	2 8	10 11	1 11	20 26								*		☐	
6	21 51	2 0	10 53	2 18	22 29	♀ ☐ ☿	♌	♌		♌					☐	
7	21 52	1 53	11 34	3 26	24 30								☐			♌
8	21 53	1 45	12 16	4 34	26 30									*	*	
9	21 55	1 38	12 57	5 42	28 28					☐	♌	♌		♌		☐
10	21 56	1 31	13 38	6 50	0 24								♌			
11	21 58	1 24	14 20	7 58	2 18					*						*
12	21 59	1 17	15 1	9 6	4 10											
13	22 1	1 10	15 42	10 14	6 0						♌	♌		♌	♌	
14	22 3	1 3	16 24	11 23	7 48	☉ ☐ ☿	♌	♌		♌			♌			
15	22 5	0 57	17 5	12 31	9 35	☉ ☐ ☿	♌	♌		♌	☐	☐				
16	22 7	0 50	17 46	13 40	11 20											
17	22 9	0 44	18 27	14 49	13 3						*	*		*	*	♌
18	22 11	0 37	19 8	15 58	14 44								♌			
19	22 13	0 31	19 49	17 7	16 24									☐	☐	
20	22 15	0 25	20 30	18 16	18 2					*			☐			
21	22 17	0 19	21 11	19 25	19 37	♀ ♌ ♈				☐	♌	♌	*	♌		♌
22	22 20	0 13	21 51	20 34	21 10	♌ * ♈				☐	♌	♌	*	♌		*
23	22 23	0 7	22 32	21 43	22 41	♌ ♈										
24	22 26	0 1	23 13	22 52	24 11	♀ ♌ ♈										☐
25	22 29	7 55	23 53	24 2	25 40	♌ ♌ ♈	♌			♌						
26	22 32	29 50	24 34	25 11	27 6						*	*				
27	22 35	29 45	25 14	26 21	29 30	♌ ♌ ♈							♌	♌	♌	♌
28	22 38	29 40	25 54	27 31	29 52	♌ * ♈										
29	22 41	29 35	26 35	28 41	1 12	♀ ♌ ♈					☐	☐				
30	22 44	29 30	27 15	29 51	2 30					♌						
31	22 47	29 25	27 55	1 3	47						♌	♌				

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 47	0 N 34	8 8 3	2 N 26	6 8 39	0 N 3	23 8 24
4	15 47	0 34	8 6	2 25	6 43	0 3	23 25
7	15 48	0 34	8 7	2 24	6 48	0 2	23 25
10	15 48	0 34	8 10	2 24	6 53	0 2	23 26
13	15 49	0 34	8 13	2 23	6 59	0 2	23 26
16	15 49	0 34	8 15	2 23	7 5	0 2	23 26
19	15 50	0 34	8 17	2 22	7 10	0 1	23 26
22	15 50	0 33	8 19	2 21	7 16	0 1	23 27
25	15 51	0 33	8 22	2 21	7 22	0 0	23 27
28	15 51	0 33	8 25	2 20	7 28	0 0	23 28
31	15 52	0 33	8 28	2 20	7 34	0 0	23 28

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	F	8 37 39	8 22 21	18 N 10	29 m 48	4 N 34	7 8 17	22 0
2	S	8 41 36	9 25 46	17 55 11	43	4 57	2 36	22 1
3	♄	8 45 33	10 23 13	17 39 23	43	5 8	2 N 18	22 3
4	M	8 49 29	11 20 40	17 24 5	51	5 5	7 0	22 4
5	Tu	8 53 26	12 18 9	17 8 18	10	4 48	11 34	22 6
6	W	8 57 23	13 15 39	16 51 0	43	4 18	15 45	22 7
7	Th	9 1 19	14 13 11	16 35 13	33	3 33	19 19	22 9
8	F	9 5 15	15 10 44	16 18 26	45	2 37	21 59	22 11
9	S	9 9 11	16 8 19	16 11 0	22	1 30	23 30	22 14
10	♄	9 13 8	17 5 55	15 44 24	22	0 15	23 36	22 16
11	M	9 17 5	18 3 32	15 26 8	50	1 8	2 22	22 19
12	Tu	9 21 2	19 1 11	15 8 23	42	2 18	19 7	22 31
13	W	9 24 58	19 58 51	14 50 8	50	3 25	14 47	22 23
14	Th	9 28 55	20 56 33	14 32 24	6	4 17	9 27	22 26
15	F	9 32 51	21 54 15	14 13 9	19	4 52	3 35	22 28
16	S	9 36 47	22 51 59	13 54 24	19	5 5	2 8	22 30
17	♄	9 40 44	23 49 44	13 35 8	57	4 59	8 7	22 32
18	M	9 44 41	24 47 30	13 16 23	7	4 34	13 13	22 35
19	Tu	9 48 37	25 45 18	12 57 6	48	3 53	17 28	22 37
20	W	9 52 34	26 43 7	12 37 20	0	3 2	20 41	22 39
21	Th	9 56 31	27 40 56	12 17 2	47	2 3	22 45	22 42
22	F	10 0 27	28 38 47	11 57 15	14	0 59	23 38	22 45
23	S	10 4 23	29 36 39	11 37 27	24	0 N 5	23 21	22 47
24	♄	10 8 20	0 m 34	11 17 9	24	1 9	21 59	22 50
25	M	10 12 17	1 32 26	10 56 21	16	2 9	19 39	22 52
26	Tu	10 16 13	2 30 22	10 36 8	6	3 2	16 32	22 55
27	W	10 20 10	3 28 20	10 15 14	55	3 48	12 44	22 57
28	Th	10 24 6	4 26 18	9 54 26	47	4 24	8 27	22 59
29	F	10 28 2	5 24 18	9 32 8	44	4 48	3 51	23 2
30	S	10 31 59	6 22 20	9 11 20	45	5 0	0 N 56	23 5
31	♄	10 35 56	7 20 24	8 49 2	54	4 59	5 48	23 8

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 20	23 N 48	1 S 16	22 N 11	0 S 32	9 N 12	25 † 59
4	0 22	23 50	1 7	22 11	1 8	7 26	25 50
7	0 25	23 51	0 57	22 11	1 35	5 45	25 40
10	0 27	23 49	0 48	22 2	2 9	4 13	25 31
13	0 29	23 48	0 38	21 50	2 42	2 52	25 21
15	0 31	23 44	0 29	21 28	3 13	1 45	25 12
18	0 34	23 37	0 19	21 7	3 43	0 55	25 2
21	0 37	23 30	0 10	20 34	4 8	0 29	24 53
24	0 39	23 20	0 1	20 1	4 24	0 30	24 43
27	0 41	23 8	0 N 9	19 16	4 30	1 2	24 34
31	0 44	22 56	0 17	18 37	4 20	2 5	24 24

D M	h	γ	δ	♀	♂	Mutual Aspects.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	22 51	29 † 21	28 † 35	25 11	5 0					*	Δ	Δ	
2	22 54	29 † 17	29 15	3 21	6 13								♂
3	22 58	29 13	29 55	4 32	7 23					□			
4	23 2	29 9	0 35	5 42	8 29		Δ				□	□	
5	23 6	29 5	1 15	6 53	9 33			♂	♂				
6	23 10	29 1	1 54	8 31	10 35					Δ	*		
7	23 14	28 57	2 34	9 14	11 35		□					*	Δ
8	23 18	28 54	3 14	10 24	12 32								
9	23 22	28 51	3 53	11 35	13 25		*						□
10	23 26	28 48	4 33	12 46	14 15			Δ	Δ	♂			
11	23 30	28 45	5 12	13 57	15 2						♂	♂	*
12	23 34	28 42	5 52	15 8	16 46			□	□				
13	23 38	28 40	6 31	16 19	17 27								
14	23 44	28 38	7 10	17 30	17 4		♂	*	*	Δ			
15	23 48	28 36	7 49	18 41	17 37						*		
16	23 53	28 34	8 28	19 53	18 5	☉ * ☿				□	*	♂	
17	23 57	28 32	9 7	21 4	18 29	☉ * ♈					□		
18	24 2	28 30	9 46	22 15	18 48	♀ ☿ ☿	*	♂	♂	*		□	
19	24 7	28 29	10 25	23 27	19 2	♀ ☿ ☿					Δ		
20	24 12	28 28	11 4	24 39	19 11	♀ ☿ ☿						Δ	*
21	24 17	28 27	11 43	25 51	19 14		□						
22	24 22	28 26	12 22	27 3	19 12	☉ Δ ♈							□
23	24 27	28 25	1 28	15 19	4		Δ	*	*	♂			
24	24 32	28 25	40 29	27 18	50						♂		
25	24 38	28 25	18 0	39 18	30			□	□				Δ
26	24 43	28 25	1 57	51 18	4							♂	
27	24 48	28 25	35 3	3 17	32								
28	24 54	28 25	13 4	15 16	54				Δ	Δ	*		
29	24 59	28 26	51 5	28 16	11	♀ * ♂	♂						
30	25 5	28 27	29 6	40 15	24							Δ	♂
31	25 10	28 28	7 7	52 14	33						□	Δ	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 33	8 S 31	2 N 19	7 S 37	0 S 1	23 S 28
4	15	54	0 33	8 35	2 19	7 44	0 1	23 29
7	15	55	0 33	8 39	2 18	7 51	0 1	23 29
10	15	56	0 33	8 43	2 18	7 58	0 1	23 30
13	15	57	0 33	8 47	2 17	8 5	0 2	23 30
16	15	57	0 33	8 50	2 17	8 13	0 2	23 31
19	15	58	0 33	8 53	2 17	8 20	0 3	23 31
22	15	59	0 32	8 55	2 17	8 27	0 3	23 31
25	16	0	0 32	8 59	2 16	8 35	0 3	23 31
28	16	0	0 32	9 3	2 16	8 43	0 3	23 32

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	10 39 52	8 18 29	8 N 28	15 11	4 N 43	10 N 20	23 12
2	Tu	10 43 48	9 16 36	8 6 27	37 4	14 14	35 23	14 23
3	W	10 47 44	10 14 46	7 44 10	8 15	3 33	18 16	23 17
4	Th	10 51 42	11 12 57	7 22 23	7	2 39	21 8	23 20
5	F	10 55 38	12 11 10	7 0 6	16	1 36	22 58	23 23
6	S	10 59 34	13 9 25	6 37 19	45	0 37	23 31	23 26
7	S	11 3 31	14 7 43	6 15 35	36	0 S 47	22 38	23 30
8	M	11 7 28	15 6 3	5 53 17	50	1 59	20 19	23 33
9	Tu	11 11 24	16 4 24	5 30 22	27	3 51	16 38	23 37
10	W	11 15 20	17 2 48	5 7 17	21	4 0	11 50	23 40
11	Th	11 19 17	18 1 14	4 44 22	27	4 39	6 16	23 43
12	F	11 23 14	18 59 41	4 22 17	34	4 59	0 20	23 46
13	S	11 27 10	19 58 11	3 59 22	32	4 57	5 S 33	23 50
14	S	11 31 6	20 56 42	3 36 17	12	4 36	11 1	23 54
15	M	11 35 4	21 55 16	3 12 12	27	3 59	15 43	23 57
16	Tu	11 39 0	22 53 51	2 49 15	13	3 8	19 24	24 0
17	W	11 42 56	23 52 27	2 26 28	30	2 8	21 56	24 3
18	Th	11 46 53	24 51 6	2 3 11	20	1 4	23 13	24 6
19	F	11 50 49	25 49 46	1 40 23	48	0 N 1	23 18	24 10
20	S	11 54 46	26 48 27	1 16 52	58	1 5	22 15	24 13
21	S	11 58 43	27 47 11	0 53 17	57	2 5	20 11	24 17
22	M	12 2 38	28 45 56	0 29 29	48	2 59	17 17	24 20
23	Tu	12 6 35	29 44 43	0 6 11	38	3 45	13 42	24 24
24	W	12 10 32	0 43 31	0 S 17	23	4 21	9 36	24 27
25	Th	12 14 28	1 42 21	0 41 52	25	4 46	5 6	24 31
26	F	12 18 25	2 41 14	1 4 17	28	4 59	0 22	24 34
27	S	12 22 21	3 40 8	1 28 29	40	4 58	4 N 25	24 38
28	S	12 26 18	4 39 4	1 51 12	1	4 43	9 6	24 42
29	M	12 30 15	5 38 2	2 14 24	32	4 14	13 27	24 45
30	Tu	12 34 12	6 37 2	2 38 7	14	3 33	17 17	24 48

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N44	22 N53	0 N20	18 N19	4 S14	2 N32	24 † 21
4	0 46	22 40	0 28	17 23	3 41	4 8	24 11
7	0 49	22 23	0 36	16 32	2 54	5 53	24 2
10	0 52	22 6	0 43	15 30	1 58	7 28	23 52
13	0 54	21 49	0 51	14 27	0 59	8 38	23 43
16	0 56	21 29	0 58	13 16	0 6	9 14	23 33
19	0 59	21 9	1 3	12 7	0 N40	9 11	23 24
22	1 2	20 47	1 8	10 55	1 14	8 31	23 14
25	1 4	20 25	1 14	9 35	1 37	7 17	23 5
28	1 6	20 4	1 19	8 27	1 50	5 39	22 55

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	25 16 28	† 29 18	♄ 45	9 ♄ 5	13 ♄ 38						☐	
2	25 21 28	30 19	23 10	17 12	12 ♄ 43			♂	♂	Δ		
3	25 27 28	32 20	1 11	30 11	45		Δ					☐ Δ
4	25 33 28	34 20	39 12	43 10	43	☉ ☿ ♀					*	
5	25 39 28	36 21	16 13	55 9	44		☐					☐
6	25 45 28	38 21	54 15	8 8	50			Δ	Δ			*
7	25 51 28	40 22	31 16	21 8	1					♂		*
8	25 57 28	42 23	9 17	34 7	17		*	☐			♂	
9	26 3 28	45 23	46 18	47 6	38	♂ ☐ ♄			☐			
10	26 9 28	48 24	23 20	0 6	5			*				♂
11	26 15 28	51 25	0 21	13 5	40				*	Δ		♂
12	26 21 28	54 25	37 22	26 5	25		♂					
13	26 28 28	57 26	14 23	39 5	D20	♂ ☐ ♄				☐	*	
14	26 34 29	1 26	51 24	52 5	24	♀ * ♄		♂				
15	26 40 29	5 27	28 26	6 5	37	♀ * ♄			♂	*	☐	*
16	26 47 29	9 28	6 27	19 6	0							
17	26 53 29	13 28	42 28	33 6	32			*			Δ	☐
18	26 59 29	17 29	19 29	46 7	12	♀ Δ ♄						☐
19	27 6 29	21 29	55 1	0 8	1		☐	*	*	♂		
20	27 13 29	26 0	Ω 32	2 13	8 58							Δ Δ
21	27 19 29	30 1	8 3	27 10	2							
22	27 26 29	35 1	44 4	41 11	13		Δ	☐	☐		♂	
23	27 33 29	40 2	20 5	54 12	30	☉ ☐ ♄						
24	27 39 29	45 2	56 7	8 13	52				Δ	Δ		
25	27 46 29	50 3	32 8	22 15	19					*		♂
26	27 53 29	56 4	8 9	36 16	50							♂
27	28 0 30	2 4	44 10	50 18	24			♂			☐ Δ	
28	28 7 30	8 5	19 12	4 20	2							
29	28 14 30	14 5	55 13	18 21	42				♂	♂	Δ	
30	28 21 30	20 6	31 14	32 23	24	☉ * ♄					☐	

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 32	9 S 8	2 N 15	8 S 50	0 S 4	23 S 32
4	16	1	0 32	9 13	2 15	8 57	0 4	23 32
7	16	2	0 32	9 17	2 15	9 5	0 5	23 32
10	16	3	0 32	9 22	2 15	9 13	0 5	23 32
13	16	4	0 32	9 26	2 15	9 21	0 5	23 32
16	16	5	0 32	9 30	2 15	9 29	0 5	23 32
19	16	5	0 32	9 33	2 14	9 36	0 6	23 32
22	16	6	0 32	9 36	2 14	9 43	0 6	23 31
25	16	7	0 32	9 40	2 14	9 51	0 6	23 31
28	16	7	0 32	9 43	2 14	9 58	0 6	23 31
31	16	8	0 32	9 47	2 14	10 7	0 7	23 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	12 38 8	7 36 6	3 S 1	20 8 6	2 N 40	20 N 21	24 52
2	Th	12 42 4	8 35 10	3 24	3 11 9	1 37	22 24	24 55
3	F	12 46 1	9 34 11	3 48	16 26	0 29	23 15	24 58
4	S	12 49 57	10 33 27	4 11	29 56	0 S 43	22 45	25 1
5	S	12 53 54	11 32 39	4 34	13 43	1 54	20 52	25 5
6	M	12 57 51	12 31 53	4 57	27 46	2 59	17 43	25 9
7	Tu	13 1 47	13 31 10	5 20	12 5	3 54	13 26	25 13
8	W	13 5 44	14 30 29	5 43	26 39	4 35	8 20	25 17
9	Th	13 9 40	15 29 50	6 6	11 22	4 58	2 43	25 21
10	F	13 13 36	16 29 14	6 29	26 8	5 2	3 S 5	25 25
11	S	13 17 33	17 28 40	6 52	10 48	4 46	8 39	25 29
12	S	13 21 30	18 28 8	7 15	25 16	4 11	13 41	25 33
13	M	13 25 27	19 27 38	7 37	9 24	3 22	17 50	25 37
14	Tu	13 29 24	20 27 10	8 0	23 7	2 22	20 52	25 41
15	W	13 33 20	21 26 44	8 22	6 25	1 16	22 39	25 45
16	Th	13 37 16	22 26 20	8 44	19 17	0 8	23 10	25 49
17	F	13 41 13	23 25 57	9 7	1 48	0 N 59	23 28	25 52
18	S	13 45 10	24 25 37	9 29	14 1	2 120	43 25	55
19	S	13 49 6	25 25 18	9 50	26 2	3 58	18 3	25 58
20	M	13 53 3	26 25 1	10 12	7 55	3 45	14 41	26 3
21	Tu	13 56 59	27 24 45	10 34	19 45	4 23	10 44	26 7
22	W	14 0 55	28 24 31	10 55	1 38	4 50	6 23	26 11
23	Th	14 4 52	29 24 19	11 16	13 38	5 4	1 46	26 14
24	F	14 8 48	0 24 9	11 37	25 47	5 5	2 N 59	26 18
25	S	14 12 45	1 24 11	11 58	8 8	4 52	7 43	26 22
26	S	14 16 42	2 23 54	12 19	20 43	4 24	12 11	26 25
27	M	14 20 37	3 23 49	12 40	3 32	3 43	16 12	26 29
28	Tu	14 24 33	4 23 47	13 0	16 33	2 50	19 31	26 33
29	W	14 28 29	5 23 46	13 20	29 47	1 46	21 51	26 37
30	Th	14 32 25	6 23 47	13 40	13 13	0 35	22 59	26 41
31	F	14 36 21	7 23 51	14 0	26 48	0 S 38	22 47	26 44

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	1 N 9	19 N 38	1 N 22	6 N 53	1 N 54	3 N 42	22 † 45
4	1 12	19 13	1 25	5 28	1 51	1 33	22 35
7	1 15	18 47	1 27	4 2	1 43	0 S 41	22 26
10	1 18	18 21	1 29	2 35	1 30	2 57	22 16
13	1 20	17 54	1 31	1 8	1 15	5 13	22 7
16	1 23	17 30	1 32	0 52	0 57	7 26	21 57
19	1 26	16 59	1 31	1 S 50	0 38	9 35	21 48
22	1 29	16 31	1 30	3 14	0 19	11 39	21 38
25	1 32	16 2	1 29	4 47	0 S 2	13 37	21 29
28	1 35	15 31	1 27	6 20	0 22	15 29	21 19
31	1 38	15 0	1 24	7 53	0 42	17 13	21 10

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° ,	° ,	° ,	° ,	° ,								
1	28 28	0 26	7 22	6 15	25 46	25 7						Δ	Δ
2	28 35	0 33	7 42	17 0	26 51		Δ					*	
3	28 42	0 40	8 17	18 14	28 36							□	
4	28 49	0 47	8 52	19 29	0 22			Δ	Δ	♈			□
5	28 56	0 54	9 27	20 43	2 9	♁ □ ♄	□						
6	29 3	1 10	22 1	57 3	55			□	□			*	*
7	29 10	1 8	10 37	23 12	5 41		*					♈	
8	29 17	1 16	11 12	24 26	7 27			*	*	Δ			
9	29 24	1 23	11 46	25 31	9 13								♈
10	29 31	1 31	12 21	26 55	10 58					□		♈	
11	29 38	1 38	12 55	28 10	12 43	♁ * ♅	♈					*	♈
12	29 45	1 46	13 30	29 24	14 27	♀ □ ♄		♈	♈	*			
13	29 53	1 54	14 4	0 39	16 11							□	
14	0 0	2 2	14 38	1 53	17 54								*
15	0 7	2 11	15 12	3 8	19 37								
16	0 14	2 19	15 46	4 23	21 19		*					Δ	*
17	0 21	2 28	16 20	5 37	23 1			*	*	♈		□	
18	0 28	2 36	16 54	6 52	24 42	☉ ☿ ♁							
19	0 36	2 45	17 27	8 7	26 32	☉ ☿ ♁	□	□	□				□
20	0 43	2 54	18 1	9 22	28 1	♀ ☿ ♁						Δ	
21	0 50	3 3	18 34	10 37	29 40							♈	
22	0 58	3 12	19 7	11 52	1 19	♀ ☿ ♁	Δ	Δ	Δ	*			Δ
23	1 5	3 22	19 40	13 7	2 57	♀ * ♄							
24	1 12	3 31	20 13	14 22	4 34								
25	1 20	3 41	20 46	15 37	6 11	☉ ☿ ♁				□			
26	1 27	3 51	21 18	16 52	7 47			♈				Δ	♈
27	1 34	4 1	21 50	18 7	9 23		♈		♈		Δ		
28	1 41	4 11	22 22	19 22	10 59	☉ * ♄						□	♈
29	1 48	4 21	22 54	20 37	12 34								
30	1 55	4 31	23 26	21 53	14 8							*	Δ
31	2 2	4 41	23 58	23 7	15 42			Δ	Δ			*	Δ

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 32	9 S 51	2 N 14	10 S 8	0 S 7	23 S 30
4	16	10	0 32	9 55	2 14	10 17	0 7	23 29
7	16	11	0 32	9 59	2 15	10 23	0 8	23 27
10	16	12	0 32	10 4	2 15	10 29	0 8	23 26
13	16	12	0 32	10 7	2 15	10 37	0 8	23 25
16	16	13	0 32	10 10	2 15	10 44	0 8	23 23
19	16	14	0 32	10 13	2 15	10 51	0 9	23 21
22	16	14	0 32	10 16	2 15	10 57	0 9	23 19
25	16	15	0 32	10 20	2 16	11 4	0 9	23 17
28	16	15	0 32	10 24	2 16	11 11	0 9	23 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	14 40 17	8 m 23 56	14 S 19	10 53 34	1 S 51	21 N 12	26 48
2	S	14 44 13	9 24 4	14 38	24 28	2 57	18 20	26 51
3	M	14 48 11	10 24 14	14 57	8 31	3 54	14 23	26 54
4	Tu	14 52 8	11 24 26	15 16	22 41	4 37	9 36	26 57
5	W	14 56 4	12 24 40	15 35	6 57	5 3	4 16	27 1
6	Th	15 0 1	13 24 56	15 53	21 16	5 11	1 S 18	27 5
7	F	15 3 57	14 25 15	16 11	5 34	4 59	6 47	27 8
8	S	15 7 53	15 25 35	16 29	19 46	4 29	11 53	27 12
9	S	15 11 51	16 25 57	16 46	3 49	3 43	16 18	27 16
10	M	15 15 46	17 26 21	17 3	17 36	2 44	19 44	27 20
11	Tu	15 19 43	18 26 47	17 20	1 7	1 38	22 0	27 25
12	W	15 23 40	19 27 14	17 37	14 15	0 27	22 59	27 29
13	Th	15 27 37	20 27 44	17 53	27 4	0 N 43	22 43	27 32
14	F	15 31 33	21 28 14	18 9	9 34	1 49	21 18	27 36
15	S	15 35 29	22 28 46	18 25	21 49	2 49	18 55	27 40
16	S	15 39 26	23 29 19	18 40	3 51	3 41	15 44	27 43
17	M	15 43 23	24 29 54	18 55	15 45	4 22	11 57	27 47
18	Tu	15 47 19	25 30 30	19 9	27 37	4 52	7 44	27 51
19	W	15 51 15	26 31 7	19 24	9 31	5 10	3 13	27 54
20	Th	15 55 12	27 31 45	19 38	21 31	5 15	1 N 27	27 57
21	F	15 59 9	28 32 24	19 51	3 43	5 6	8	28 0
22	S	16 3 5	29 33 4	20 4	16 9	4 41	10 41	28 4
23	S	16 7 3	0 33 46	20 17	28 52	4 3	14 52	28 7
24	M	16 10 59	1 34 29	20 30	11 54	3 11	18 27	28 10
25	Tu	16 14 55	2 35 13	20 42	25 15	2 8	21 10	28 14
26	W	16 18 52	3 35 59	20 54	8 53	0 56	22 44	28 17
27	Th	16 22 48	4 36 46	21 4	22 45	0 S 20	22 56	28 21
28	F	16 26 45	5 37 34	21 16	6 49	1 37	21 41	28 24
29	S	16 30 42	6 38 24	21 26	21 1	2 48	19 4	28 27
30	S	16 34 38	7 39 14	21 36	5 17	3 49	15 16	28 29

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	
1	1 N 39	14 N 55	1 N 24	8 8 9	0 S 48	17 S 46	21 † 7
4	1 42	14 26	1 20	9 34	1 7	19 20	20 57
7	1 45	13 57	1 17	10 56	1 25	20 45	20 48
10	1 48	13 27	1 13	12 15	1 41	22 2	20 38
13	1 52	12 59	1 8	13 34	1 56	23 8	20 29
16	1 55	12 31	1 3	14 53	2 9	24 4	20 19
19	1 58	12 3	0 58	16 0	2 18	24 49	20 10
22	2 1	11 34	0 52	17 5	2 25	25 22	20 0
25	2 5	11 8	0 46	18 11	2 28	25 42	19 51
28	2 9	10 38	0 39	19 8	2 25	25 50	19 41

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'	°	'	°	'	°	'	°
1	2 m 10	4 w 52	24 Ω 30	24 Δ 22	17 m 15	♀ * ♂	Δ			♊			
2	2 17	5 3 25	1 25	37 18	48		□					□	Δ
3	2 24	5 13 25	33 26	52 20	21	♀ ♂ ♄	□		□			♈	*
4	2 31	5 24 26	4 28	7 21	53		*		*		♈	*	□
5	2 38	5 34 26	36 29	22 23	25		*		*	Δ			
6	2 45	5 45 27	7 0 m 37	24 57									*
7	2 53	5 56 27	38 1	53 26	28	♀ ♂ h					□		
8	3 0	6 7 28	8 8	8 27	59	♀ * ♄							
9	3 7	6 18 28	39 4	23 29	29	♁ * ♁	♈	♈	♈	*	*	♈	
10	3 14	6 30 29	9 5	39 0 † 59			♈	♈	♈	*	*	♈	
11	3 21	6 41 29	40 6	54 2	29	♀ * ♄						□	♈
12	3 28	6 52 0 m 10	8 9	3 59									
13	3 36	7 4 0	40 9	25 5	28		*					Δ	
14	3 43	7 15 1	9 10	40 6	56				*	♈		*	
15	3 50	7 27 1	38 11	56 8	24		*	□					
16	3 57	7 39 2	7 13	11 9	51					□			
17	4 4	7 51 2	36 14	27 11	18							□	*
18	4 11	8 3 8	5 15	42 12	45		□	Δ				♊	
19	4 18	8 15 3	34 16	58 14	11				Δ	*			□
20	4 25	8 27 4	2 18	13 15	36							Δ	
21	4 32	8 39 4	30 19	29 17	0	♈ * h	Δ			□			
22	4 38	8 52 4	58 20	44 18	24				♊	♊			Δ
23	4 45	9 4 5	26 21	59 19	47				♊	♊	Δ	Δ	
24	4 52	9 16 5	54 23	15 21	8						Δ		♊
25	4 58	9 29 6	21 24	30 22	27								
26	5 5	9 41 6	48 25	46 23	45		♊					□	
27	5 12	9 54 7	14 27	1 25	2			Δ					♊
28	5 18	10 7 7	41 28	17 26	17					Δ	♊	*	
29	5 25	10 19 8	7 29	32 27	29				□				
30	5 32	10 32 8	34 0 † 48	28 38		♀ * ♄	Δ		□				Δ

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° /	° /	° /	° /	° /	° /	° /
1	16 15	0 N 32	10 S 28	2 N 16	11 N 16	0 S 10	23 S 11
4	16 15	0 32	10 32	2 16	11 22	0 10	23 8
7	16 16	0 32	10 35	2 17	11 28	0 10	23 5
10	16 16	0 32	10 38	2 17	11 35	0 10	23 1
13	16 16	0 32	10 40	2 18	11 39	0 11	22 58
16	16 16	0 32	10 42	2 18	11 44	0 11	22 54
19	16 17	0 32	10 44	2 19	11 49	0 11	22 50
22	16 17	0 32	10 47	2 19	11 54	0 11	22 46
25	16 17	0 33	10 50	2 20	11 59	0 12	22 41
28	16 17	0 33	10 52	2 20	12 4	0 12	22 36
31	16 17	0 33	10 54	2 20	12 8	0 12	22 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	M	16 38 35	8 40 7	21 S 46	19 Ω 33	4 S 36	10 N 36	28 Δ 32
2	Tu	16 42 32	9 41 1	21 S 55	3 ♉ 48	5 6 5	22 28	28 35
3	W	16 46 28	10 41 58	22 4	17 57	5 17	0 S 6	28 38
4	Th	16 50 25	11 42 53	22 13	2 Δ 0	5 9 5	81 28	28 41
5	F	16 54 22	12 43 51	22 21	15 55	4 43	10 37	28 44
6	S	16 58 19	13 44 50	22 28	29 40	4 11	15 7	28 47
7	S	17 2 16	14 45 51	22 35	13 m 13	3 6	18 47	28 50
8	M	17 6 13	15 46 52	22 42	26 33	2 2	21 23	28 53
9	Tu	17 10 10	16 47 55	22 48	9 ♊ 0	0 52	22 47	28 56
10	W	17 14 7	17 48 58	22 54	22 32	0 N 19	22 56	28 59
11	Th	17 18 3	18 50 8	23 0	5 ♋ 9	1 28	21 54	29 1
12	F	17 22 0	19 51 8	23 4	17 33	2 31	29 48	29 3
13	S	17 25 57	20 52 13	23 9	29 45	3 27	16 51	29 6
14	S	17 29 53	21 53 20	23 13	11 m 46	4 12	13 14	29 8
15	M	17 33 50	22 54 26	23 16	23 41	4 47	9 8	29 11
16	Tu	17 37 47	23 55 33	23 19	5 ♌ 32	5 8	4 42	29 14
17	W	17 41 43	24 56 41	23 22	17 25	5 17	0 7	29 16
18	Th	17 45 40	25 57 48	23 24	29 24	5 12	4 N 32	29 19
19	F	17 49 36	26 58 56	23 26	11 ♍ 33	4 53	9 4	29 22
20	S	17 53 32	28 0 4	23 27	23 58	4 20	13 20	29 24
21	S	17 57 29	29 1 12	23 28	6 ♎ 42	3 34	17 8	29 27
22	M	18 1 26	0 ♏ 2	23 28	19 48	2 36	20 12	29 29
23	Tu	18 5 22	1 3 28	23 27	3 ♏ 17	1 27	22 15	29 31
24	W	18 9 19	2 4 37	23 27	17 11	0 11	23 1	29 33
25	Th	18 13 16	3 5 46	23 26	1 ♐ 25	1 S 7	22 20	29 36
26	F	18 17 13	4 6 55	23 24	15 57	2 23	20 9	29 38
27	S	18 21 9	5 8 4	23 22	0 Ω 39	3 30	16 37	29 40
28	S	18 25 5	6 9 14	23 19	15 25	4 23	12 2	29 42
29	M	18 29 3	7 10 24	23 16	0 ♑ 6	4 58	6 47	29 44
30	Tu	18 32 59	8 11 34	23 13	14 38	5 14	1 13	29 46
31	W	18 36 55	9 12 45	23 9	28 56	5 11	4 S 19	29 48

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	2 N 13	10 N 15	0 N 33	20 S 4	2 S 16	25 S 44	19 † 32
4	2 17	9 50	0 26	20 47	2 0	25 26	19 22
7	2 21	9 26	0 19	21 36	1 33	24 56	19 13
10	2 25	9 3	0 12	22 20	0 55	24 15	19 3
13	2 29	8 40	0 4	22 46	0 6	23 27	18 54
16	2 33	8 19	0 S 3	23 9	0 N 53	22 33	18 44
19	2 38	7 59	0 10	23 32	1 51	21 37	18 34
22	2 43	7 40	0 17	23 44	2 37	20 46	18 25
25	2 47	7 24	0 24	23 51	3 2	20 11	18 15
28	2 52	7 10	0 31	23 52	3 7	19 58	18 6
31	2 56	6 59	0 38	23 39	2 57	20 7	17 56

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	♈		♉	♊	♋	♌	♍		
1	5 m 38	10 w 45	9 m 0	2 † 3	29 † 45									
2	5 45	10 58	9 25	3 19	0 w 50	♈ □ ♌	□	*	*		♈	□	Δ	
3	5 51	11 11	9 50	4 34	1 49					Δ				
4	5 58	11 24	10 15	5 50	2 41							*	□	
5	6 4	11 37	10 40	7 5	3 29		*			□				
6	6 10	11 50	11 5	8 21	4 12				♈	♈				*
7	6 16	12 3	11 29	9 36	4 49					*	*			
8	6 22	12 16	11 53	10 52	5 18									
9	6 28	12 29	12 16	12 7	5 38	♀ □ ♌					□	♈		
10	6 34	12 43	12 39	13 23	5 48		♈							
11	6 40	12 56	13 2	14 38	5 48	♌ Δ ♈		*	*		♈	Δ		♈
12	6 46	13 9	13 25	15 54	5 37						♈	Δ		
13	6 52	13 23	13 48	17 9	5 16			□						
14	6 58	13 36	14 9	18 25	4 44				□					
15	7 4	13 50	14 30	19 40	3 59		*					*		
16	7 10	14 4	14 51	20 56	3 2				Δ	Δ				*
17	7 16	14 17	15 12	22 11	1 57						*	♈	□	
18	7 22	14 31	15 33	23 27	0 45		□							□
19	7 27	14 45	15 54	24 43	29 † 25	♈ * ♈	Δ	♈			□			
20	7 33	14 58	15 25	25 58	28 1	♈ ♈ ♋	Δ	♈				Δ	Δ	
21	7 38	15 12	16 35	27 14	26 39	♈ * ♈				♈				
22	7 43	15 26	16 54	28 29	25 20	♀ ♈ ♋					Δ	Δ		
23	7 49	15 39	17 12	29 45	24 8	♀ * ♈								
24	7 54	15 53	17 29	1 w 0	23 0							□		♈
25	7 59	16 7	17 46	2 16	21 57		♈	Δ	Δ			♈		
26	8 4	16 21	18 3	3 31	21 5						♈	*		
27	8 9	16 35	18 4	4 47	20 26			□						
28	8 14	16 49	18 35	6 2	19 59				□					Δ
29	8 19	17 3	18 51	7 18	19 42	♈ ♈ ♋	Δ	*		*	Δ	♈	Δ	□
30	8 24	17 17	19 7	8 33	19 D 34	♈ * ♈	Δ		*					
31	8 29	17 31	19 22	9 49	19 34	♀ * ♈								







RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1807.

(REVISED AND CORRECTED.)



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1883.

Price One Shilling.

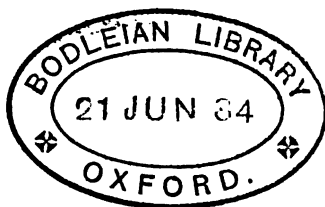
(Alm.) 939 x. 150

RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1807.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR,
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	°	'	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	0 N 33	10 S 55	2 N 21	12 S 9	0 N 12	22 S 29
4	16	15	0 38	10 57	2 21	12 13	0 12	22 23
7	16	16	0 33	10 59	2 22	12 16	0 13	22 18
10	16	16	0 33	11 0	2 22	12 19	0 13	22 12
13	16	17	0 33	11 1	2 23	12 22	0 13	22 7
16	16	17	0 33	11 2	2 24	12 25	0 13	22 1
19	16	17	0 33	11 3	2 25	12 27	0 14	21 54
22	16	18	0 33	11 3	2 25	12 29	0 14	21 48
25	16	18	0 33	11 4	2 26	12 31	0 15	21 41
28	16	18	0 33	11 4	2 26	12 33	0 15	21 35
31	16	18	0 33	11 5	2 27	12 34	0 15	21 27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	18 40 52	10 w 13 56	23 S 4 12	♂ 57	4 S 48	9 S 32	29 ♄ 50
2	F	18 44 49	11 15 7	22 59	26 40	4 10	14 10	29 52
3	S	18 48 45	12 16 19	22 54	10 m 6	3 18	17 59	29 54
4	S	18 52 42	13 17 30	22 48	23 16	2 17	20 49	29 55
5	M	18 56 38	14 18 42	22 42	6 ♄ 12	1 10	22 31	29 57
6	Tu	19 0 35	15 19 54	22 35	18 55	0 1	23 1	29 59
7	W	19 4 32	16 21 6	22 28	1 w 27	1 N 8	22 20	0 m 0
8	Th	19 8 29	17 22 17	22 20	18 49	2 12	20 34	0 2
9	F	19 12 25	18 23 29	22 12	26 1	3 9	17 52	0 3
10	S	19 16 21	19 24 40	22 3	8 m 6	3 57	14 27	0 4
11	S	19 20 19	20 25 50	21 54	20 4	4 34	10 29	0 5
12	M	19 24 15	21 27 0	21 45	1 x 57	4 58	6 8	0 6
13	Tu	19 28 12	22 28 9	21 35	13 48	5 10	1 36	0 7
14	W	19 32 9	23 29 17	21 25	25 40	5 9	3 N 0	0 8
15	Th	19 36 5	24 30 25	21 14	7 r 37	4 54	7 32	0 10
16	F	19 40 2	25 31 32	21 3	19 42	4 26	11 49	0 11
17	S	19 43 58	26 32 38	20 52	28 2	3 46	15 43	0 12
18	S	19 47 53	27 33 42	20 40	14 39	2 53	19 1	0 13
19	M	19 51 50	28 34 46	20 28	27 40	1 51	21 27	0 14
20	Tu	19 55 46	29 35 49	20 15	11 □ 7	0 40	22 47	0 15
21	W	19 59 43	0 m 36 51	20 2	25 2	0 S 36	22 46	0 16
22	Th	20 3 39	1 37 52	19 49	9 ♄ 24	1 51	21 17	0 17
23	F	20 7 36	2 38 52	19 35	24 11	3 1	18 20	0 18
24	S	20 11 33	3 39 51	19 21	9 ♄ 14	4 0	14 7	0 18
25	S	20 15 29	4 40 49	19 7	24 25	4 42	8 58	0 19
26	M	20 19 26	5 41 46	18 52	9 m 33	5 4	3 18	0 19
27	Tu	20 23 22	6 42 43	18 37	24 28	5 5	28 29	0 20
28	W	20 27 19	7 43 39	18 21	9 ♄ 3	4 47	7 59	0 20
29	Th	20 31 15	8 44 34	18 6	23 15	4 11	12 55	0 21
30	F	20 35 12	9 45 28	17 49	7 m 0	3 21	17 2	0 21
31	S	20 39 8	10 46 21	17 38	20 22	2 22	20 8	0 21

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 58	6 N 51	0 S 40	23 S 40	2 N 51	20 S 13	17 53
4	3 3	6 40	0 45	23 21	2 29	20 41	17 43
7	3 8	6 30	0 52	23 1	2 3	21 14	17 34
10	3 13	6 23	0 57	22 29	1 35	21 49	17 24
13	3 18	6 18	1 3	21 58	1 8	22 20	17 15
16	3 23	6 14	1 8	21 14	0 40	22 46	17 5
19	3 29	6 15	1 12	20 30	0 14	23 4	16 56
22	3 34	6 17	1 15	19 36	0 S 10	23 13	16 46
25	3 39	6 22	1 19	18 41	0 33	23 12	16 37
28	3 44	6 30	1 22	17 35	0 54	22 59	16 27
31	3 49	6 41	1 25	16 18	1 12	22 35	16 18

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /		° /	° /	° /	° /	° /	° /	° /
1	8 33	17 45	19 37	11 5	5 19	♌ ☐ ♈	☐	♌		☐		☐	*
2	8 38	17 59	19 52	12 20	19 54		*	♌					
3	8 42	18 13	20 6	13 36	20 20			♌		*	*		*
4	8 47	18 27	20 19	14 51	20 58					*	*		
5	8 51	18 41	20 31	16 7	21 39								
6	8 55	18 55	20 42	17 22	22 22							☐	♌
7	8 59	19 9	20 52	18 38	23 6			*					
8	9 5	19 23	21 2	19 53	23 57	♀ ☌ ♈	♌		*	♌			
9	9 7	19 37	21 12	21 9	24 53	♀ ☌ ♈	☐				♌	♌	
10	9 11	19 51	21 21	22 24	25 54	☉ ☌ ♈		☐					
11	9 15	20 5	21 30	23 40	26 56								
12	9 19	20 19	21 38	24 55	28 1	☉ ☌ ♈		♌					*
13	9 23	20 33	21 46	26 11	29 9				♌				
14	9 26	20 47	21 53	27 26	0 19	♌ * ☌	*			*	♌	*	☐
15	9 30	21 1	21 59	28 42	1 30								
16	9 33	21 15	22 5	29 57	2 43	♀ ☌ ☌				☐			
17	9 36	21 29	22 10	1 12	3 58		☐	♌				☐	♌
18	9 39	21 43	22 14	2 28	5 15				♌				
19	9 42	21 57	22 18	3 43	6 38		♌			♌	♌	♌	
20	9 45	22 11	22 21	4 58	7 53								
21	9 48	22 25	22 24	6 14	9 14	☉ ☌ ☌		♌				☐	
22	9 51	22 39	22 25	7 29	10 36	♌ ☌ ♈			♌				♌
23	9 54	22 53	22 25	8 44	11 59	♌ * ☌		☐		♌	*		
24	9 57	23 7	22 25	10 0	13 23	♀ ☌ ♈	♌		☐			♌	
25	9 59	23 21	22 24	11 15	14 47			*					
26	10 2	23 35	22 24	12 30	16 12				*				♌
27	10 4	23 49	22 22	13 45	17 39					♌	♌		♌
28	10 6	24 3	22 19	15 1	19 7		♌					♌	
29	10 8	24 17	22 15	16 16	20 35					☐			☐
30	10 10	24 31	22 10	17 31	22 4	☉ ☌ ♈	☐	♌	♌				
31	10 12	24 45	22 4	18 47	23 33	♌ ☌ ♈			*	*	☐	*	

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16 15	0 N 33	11 S 5	2 N 28	12 S 34	0 S 15	21 S 25
4	16 15	0 33	11 5	2 28	12 34	0 15	21 17
7	16 14	0 33	11 4	2 29	12 35	0 16	21 10
10	16 14	0 33	11 4	2 29	12 35	0 16	21 2
13	16 13	0 34	11 4	2 30	12 35	0 17	20 55
16	16 12	0 34	11 3	2 31	12 34	0 17	20 47
19	16 11	0 34	11 3	2 32	12 34	0 17	20 40
22	16 11	0 34	11 2	2 33	12 33	0 17	20 32
25	16 10	0 34	11 1	2 33	12 32	0 18	20 24
28	16 10	0 34	10 59	2 34	12 31	0 18	20 16

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♃ Long. ° ' "	♃ Lat. ° ' "	♃ Declin ° ' "	♃ Long. ° ' "
1	S	20 43 5	11 ^m 47 14	17 S 16	3 1 21	1 S 17	22 S 6	0 ^m 21
2	M	20 47 1	12 48 6	16 59 16	2 0 9	22 53	0 21	0 21
3	Tu	20 50 58	13 48 56	16 42 28	29 0 N 57	22 30	0 21	0 21
4	W	20 54 55	14 49 46	16 24 10	45 2	0 21	2 0	21
5	Th	20 58 51	15 50 35	16 6 22	53 2	56 18	37 0	21
6	F	21 2 47	16 51 23	15 48 4	54 3	44 15	26 0	20
7	S	21 6 44	17 52 9	15 29 16	51 4	22 11	39 0	20
8	S	21 10 41	18 52 54	15 11 28	45 4	47 7	26 0	20
9	M	21 14 39	19 53 37	14 52 10	37 5	1 2	57 0	20
10	Tu	21 18 34	20 54 19	14 32 22	29 5	1 1	N 37	0 19
11	W	21 22 31	21 55 0	14 13 4	22 4	48 6	9 0	19
12	Th	21 26 27	22 55 38	13 53 16	20 4	23 10	28 0	18
13	F	21 30 24	23 56 15	13 33 28	25 3	45 14	25 0	18
14	S	21 34 21	24 56 50	13 13 10	41 2	57 17	50 0	17
15	S	21 38 17	25 57 24	12 53 23	13 1	59 20	31 0	16
16	M	21 42 13	26 57 55	12 32 6	6 0	53 22	13 0	16
17	Tu	21 46 10	27 58 24	12 11 19	23 0	8 17	22 46 0	15
18	W	21 50 7	28 58 52	11 50 3	9 1	29 21	57 0	14
19	Th	21 54 3	29 59 18	11 29 17	24 2	37 19	44 0	14
20	F	21 58 0	0 59 42	11 8 2	7 3	38 16	10 0	13
21	S	22 1 56	2 0 4	10 46 17	13 4	24 11	29 0	13
22	S	22 5 53	3 0 21	10 25 2	32 4	58 6	1 0	12
23	M	22 9 49	4 0 42	10 3 17	54 5	0 0	10 0	11
24	Tu	22 13 45	5 0 59	9 41 3	7 4	47 58	37 0	10
25	W	22 17 42	6 1 14	9 19 17	59 4	13 10	58 0	9
26	Th	22 21 39	7 1 28	8 56 2	25 3	25 15	32 0	8
27	F	22 25 35	8 1 40	8 34 16	22 2	25 19	4 0	7
28	S	22 29 32	9 1 51	8 11 29	49 1	19 21	26 0	5

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 N 51	6 N 44	1 S 25	16 S 10	1 S 18	22 S 25	16 7 15
4	3 55	6 57	1 27	15 5	1 34	21 46	16 5
7	3 59	7 13	1 28	13 42	1 46	20 54	15 56
10	4 3	7 30	1 28	12 21	1 56	19 49	15 46
13	4 6	7 52	1 28	11 2	2 3	18 32	15 37
16	4 8	8 14	1 27	9 36	2 6	17 2	15 27
19	4 11	8 38	1 26	8 11	2 5	15 19	15 18
22	4 11	9 3	1 24	6 39	2 1	13 23	15 8
25	4 12	9 29	1 22	5 12	1 52	11 15	14 59
28	4 12	9 59	1 20	3 39	1 38	8 55	14 49

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	10 14	24 58	21 57	20 25	2 25	♈ ☉ ♈								
2	10 16	25 12	21 49	21 17	26 35		*					☐	*	
3	10 17	25 26	21 41	22 32	28 7			*						
4	10 19	25 39	21 32	23 47	29 41	♈ ☐ ♈			*					
5	10 20	25 53	21 23	25 3	1 15						☉	Δ		
6	10 21	26 7	21 13	26 18	2 49			☐	☐					♌
7	10 22	26 20	21 27	27 33	4 24		☉							
8	10 23	26 34	21 50	28 48	6 0			Δ						☉
9	10 24	26 47	22 37	0 3	7 37	♀ Δ ♈			Δ					
10	10 25	27 1	22 24	1 19	9 15					*	♌			
11	10 26	27 14	22 10	2 34	10 54	♈ ☐ ♈								
12	10 27	27 28	22 55	3 49	12 33									*
13	10 27	27 41	23 40	5 4	14 13		*	♌			☐			
14	10 28	27 55	24 6	19 15	54				♌				*	☐
15	10 28	28 8	24 7	34 17	36		☐			Δ	Δ			
16	10 29	28 21	25 8	40 19	19								☐	
17	10 29	28 34	25 32	10 4	21 3	♀ Δ ♈						☐		Δ
18	10 29	28 47	25 13	11 14	22 48		Δ	Δ						
19	10 29	29 0	25 53	12 30	24 33	☉ Δ ♈			Δ		*	Δ		
20	10 29	29 13	26 33	13 49	26 19			☐		♌				
21	10 28	29 26	26 12	15 4	28 7	♈ ☉ ♈			☐					
22	10 29	29 39	26 51	16 19	29 56	♈ ☐ ♈	♌	*						♌
23	10 27	29 52	27 30	17 34	1 46				*					
24	10 27	0 5	27 8	18 49	3 36	♈ ☐ ♈				Δ		☉	♌	
25	10 26	0 18	26 46	20 3	5 27									
26	10 25	0 31	26 24	21 18	7 19	☉ ☉ ♈	Δ	☉		☐				Δ
27	10 24	0 44	26 1	22 33	9 12				☉			*	Δ	
28	10 23	0 56	26 38	23 48	11 7	♈ Δ ♈					*			

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 34	10 S 58	2 N 34	12 S 30	0 S 19	20 S 14
4	16	9	0 34	10 56	2 34	12 28	0 19	20 6
7	16	8	0 34	10 54	2 35	12 27	0 20	19 58
10	16	8	0 34	10 53	2 36	12 26	0 20	19 51
13	16	7	0 34	10 51	2 37	12 22	0 20	19 43
16	16	6	0 34	10 49	2 37	12 19	0 20	19 35
19	16	5	0 34	10 48	2 38	12 16	0 21	19 28
22	16	4	0 34	10 46	2 38	12 12	0 21	19 20
25	16	3	0 34	10 44	2 39	12 9	0 22	19 13
28	16	3	0 34	10 41	2 39	12 5	0 22	19 5
31	16	2	0 34	10 38	2 39	12 1	0 22	18 58

D M	D W	Sidereal Time.	☉ Long.		☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♃ Long.
		H. M. S.	°	'	°	°	°	°	°
1	S	22 33 28	10	× 1 59	7 8 49	12 1 50	0 8 11	22 S 33	0 m 4
2	M	22 37 25	11	2 7	7 26 25	29 0 N 55	22 28	0 R 3	
3	Tu	22 41 22	12	2 13	7 3 7	50 1 58	21 16	0 1	
4	W	22 45 18	13	2 18	6 40 19	58 2 53	19 7	0 0	
5	Th	22 49 15	14	2 20	6 17 1	m 58 3 41	16 9	29 △ 58	
6	F	22 53 11	15	2 21	5 54 13	52 4 18	12 34	29 56	
7	S	22 57 8	16	2 21	5 31 25	44 4 44	8 33	29 55	
8	S	23 1 4	17	2 18	5 7 7	× 35 4 57	4 8	29 53	
9	M	23 5 1	18	2 14	4 44 19	28 4 58	0 N 23	29 51	
10	Tu	23 8 57	19	2 7	4 21 1	23 4 45	4 55	29 49	
11	W	23 12 54	20	1 59	3 57 13	21 4 20	9 16	29 48	
12	Th	23 16 51	21	1 48	3 34 25	25 3 43	13 18	29 47	
13	F	23 20 48	22	1 36	3 10 7	× 36 2 56	16 50	29 45	
14	S	23 24 43	23	1 21	2 46 19	56 1 59	19 39	29 43	
15	S	23 28 41	24	1 3	2 23 2	30 0 56	21 36	29 41	
16	M	23 32 37	25	0 44	1 59 15	21 0 8	12 28	29 39	
17	Tu	23 36 33	26	0 22	1 35 28	32 1 21	22 7	29 37	
18	W	23 40 30	26	59 57	1 12 12	58 2 27	20 28	29 35	
19	Th	23 44 27	27	59 31	0 48 26	11 3 27	17 33	29 33	
20	F	23 48 24	28	59 2	0 24 10	Ω 39 4 16	13 29	29 31	
21	S	23 52 20	29	58 30	0 1 25	31 4 48	8 30	29 28	
22	S	23 56 16	0	γ 57 57	0 N 23	10 m 40 5 1	2 55	29 26	
23	M	0 0 12	1	57 22	0 47 25	56 4 54	2 S 52	29 24	
24	Tu	0 4 9	2	56 44	1 10 11	Δ 7 4 25	8 28	29 22	
25	W	0 8 5	3	56 4	1 34 26	4 3 38	13 28	29 20	
26	Th	0 12 2	4	55 28	1 57 10	m 38 2 39	17 32	29 17	
27	F	0 15 59	5	54 39	2 21 24	44 1 31	20 26	29 15	
28	S	0 19 55	6	53 54	2 44 8	1 20 0 19	22 2	29 13	
29	S	0 23 52	7	53 7	3 8 21	29 0 N 50	22 21	29 10	
30	M	0 27 49	8	52 18	3 31 4	12 1 56	21 28	29 8	
31	Tu	0 31 45	9	51 28	3 55 16	36 2 54	19 34	29 6	

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	4 N 12	10 N 5	1 S 17	3 S 9	1 S 32	8 S 5	14 46
4	4 10	10 35	1 12	1 36	1 11	5 32	14 36
7	4 7	10 55	1 9	0 4	0 45	2 49	14 27
10	4 3	11 20	1 4	1 N 30	0 14	0 3	14 17
13	3 59	11 41	0 59	3 2	0 N 21	2 N 42	14 8
16	3 53	12 0	0 53	4 37	0 59	5 19	13 58
19	3 48	12 18	0 47	6 6	1 37	7 41	13 49
22	3 42	12 34	0 40	7 37	2 12	9 41	13 39
25	3 35	12 45	0 33	9 4	2 43	11 12	13 30
28	3 28	12 55	0 27	10 40	3 5	12 12	13 20
31	3 20	13 0	0 19	11 57	3 17	12 37	13 11

D M	♂		♀		♀		Mutual Aspta.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♀		
1	10 ^m 22	1 ^m 8	14 ^m 15	25 ^m 2	13 ^m 3	1	☉ Δ ♀	☐			☐		☐	
2	10 ^m 21	1	21 ^m 13	35 ^m 26	17 ^m 14	56	☿ ☿ ☿	*				☐		
3	10 ^m 20	1	33 ^m 13	28 ^m 27	31 ^m 16	52		*	*					
4	10 ^m 19	1	45 ^m 13	4 ^m 28	48 ^m 18	48	☉ ☿ ☿				Δ		*	
5	10 ^m 17	1	57 ^m 12	40 ^m 0	0 ^m 20	45		☐		♂		*		
6	10 ^m 16	2	9 ^m 12	16 ^m 1	15 ^m 22	42			☐					
7	10 ^m 14	2	21 ^m 11	52 ^m 2	29 ^m 24	39	♀ * ♀		Δ					
8	10 ^m 12	2	33 ^m 11	28 ^m 3	43 ^m 26	36			Δ		♂			
9	10 ^m 10	2	45 ^m 11	5 ^m 4	58 ^m 28	31		♂						
10	10 ^m 8	2	57 ^m 10	42 ^m 6	12 ^m 0	25				*		♂	♂	
11	10 ^m 6	3	9 ^m 10	19 ^m 7	27 ^m 2	18	♂ * ♀							
12	10 ^m 4	3	21 ^m 9	56 ^m 8	41 ^m 4	9	☿ * ♀		♂					
13	10 ^m 2	3	32 ^m 9	34 ^m 9	55 ^m 5	59			♂		☐	Δ		
14	10 ^m 0	3	44 ^m 9	11 ^m 10	7 ^m 48		*							
15	9 ^m 57	3	55 ^m 8	49 ^m 12	24 ^m 9	31					Δ	☐		
16	9 ^m 55	4	6 ^m 8	28 ^m 13	38 ^m 11	9							* *	
17	9 ^m 52	4	18 ^m 8	7 ^m 14	52 ^m 12	44		☐	Δ					
18	9 ^m 50	4	29 ^m 7	47 ^m 16	6 ^m 14	15				Δ		*	☐	
19	9 ^m 47	4	40 ^m 7	28 ^m 17	20 ^m 15	43		Δ	☐					
20	9 ^m 44	4	51 ^m 7	9 ^m 18	34 ^m 17	0				☐	♂		Δ	
21	9 ^m 41	5	2 ^m 6	51 ^m 19	48 ^m 18	15			*			♂	Δ	
22	9 ^m 38	5	12 ^m 6	33 ^m 21	2 ^m 19	29				*		♂		
23	9 ^m 35	5	23 ^m 6	16 ^m 22	16 ^m 20	37		♂						
24	9 ^m 32	5	34 ^m 5	50 ^m 23	30 ^m 21	33					Δ			
25	9 ^m 29	5	44 ^m 5	48 ^m 24	44 ^m 22	17		♂				♂	♂	
26	9 ^m 26	5	54 ^m 5	28 ^m 25	58 ^m 22	56				♂	☐	*		
27	9 ^m 23	6	4 ^m 5	13 ^m 27	12 ^m 23	31	☉ * ♀							
28	9 ^m 20	6	14 ^m 4	59 ^m 28	26 ^m 24	2		Δ			*	☐		
29	9 ^m 17	6	24 ^m 4	46 ^m 29	40 ^m 24	25	♀ ☿ ☿						Δ	
30	9 ^m 13	6	34 ^m 4	34 ^m 0	54 ^m 24	38		☐	*	*		Δ	Δ	
31	9 ^m 10	6	44 ^m 4	23 ^m 2	8 ^m 24	40								

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 34	10 8 37	2 N 40	12 8 1	0 8 23	18 8 56
4	16	0	0 34	10 34	2 40	11 57	0 23	18 50
7	15	59	0 34	10 31	2 40	11 53	0 24	18 43
10	15	58	0 34	10 28	2 40	11 49	0 24	18 36
13	15	58	0 34	10 26	2 41	11 45	0 25	18 31
16	15	57	0 34	10 23	2 41	11 41	0 25	18 26
19	15	56	0 34	10 21	2 41	11 36	0 26	18 19
22	15	56	0 34	10' 19	2 41	11 31	0 27	18 14
25	15	55	0 34	10 17	2 41	11 27	0 28	18 9
28	15	54	0 34	10 15	2 41	11 23	0 28	18 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	0 35 42	10 50 35	4 N 18	28 44	3 N 43	16 8 48	29 4
2	Th	0 39 39	11 49 41	4 41	10 42	4 21	13 23	29 1
3	F	0 43 35	12 48 46	5 4	22 35	4 47	9 28	28 59
4	S	0 47 32	13 47 48	5 27	4 25	5 2	5 18	28 56
5	S	0 51 28	14 46 48	5 50	16 17	5 8	0 46	28 54
6	M	0 55 24	15 45 47	6 13	28 12	4 51	3 N 44	28 52
7	Tu	0 59 21	16 44 44	6 35	10 12	4 27	8 7	28 50
8	W	1 3 18	17 43 39	6 58	22 19	3 49	12 15	28 47
9	Th	1 7 14	18 42 31	7 20	4 34	3 1	15 54	28 44
10	F	1 11 11	19 41 22	7 43	16 56	2 4	18 54	28 41
11	S	1 15 7	20 40 10	8 5	29 31	1 0	21 3	28 39
12	S	1 19 4	21 38 57	8 27	12 11	0 8	8 22	9 28 37
13	M	1 23 1	22 37 40	8 49	25 16	1 18	23 5	28 34
14	Tu	1 26 57	23 36 22	9 10	8 32	2 24	20 47	28 31
15	W	1 30 53	24 35 2	9 32	22 7	3 26	18 17	28 29
16	Th	1 34 50	25 33 39	9 54	6 1	4 14	14 41	28 26
17	F	1 38 47	26 32 14	10 15	20 16	4 50	10 10	28 23
18	S	1 42 43	27 30 46	10 36	4 49	5 7	4 50	28 21
19	S	1 46 40	28 29 17	10 57	19 36	5 5	0 8 33	28 19
20	M	1 50 37	29 27 45	11 18	4 30	4 42	6 6	28 16
21	Tu	1 54 33	0 26 12	11 38	19 23	4 1	11 18	28 14
22	W	1 58 29	1 24 36	11 59	4 17	3 8	15 46	28 12
23	Th	2 2 25	2 22 59	12 19	18 34	1 55	19 12	28 9
24	F	2 6 22	3 21 20	12 39	2 38	0 41	21 28	28 6
25	S	2 10 19	4 19 40	12 58	16 10	0 N 33	22 12	28 4
26	S	2 14 16	5 17 57	13 18	29 29	1 43	21 44	28 1
27	M	2 18 12	6 16 13	13 37	12 18	2 46	20 8	27 58
28	Tu	2 22 9	7 14 28	13 57	24 46	3 40	17 35	27 55
29	W	2 26 5	8 12 41	14 16	6 59	4 22	14 19	27 53
30	Th	2 30 2	9 10 53	14 34	19 0	4 51	10 31	27 51

APRIL XXX DAYS.

D. M.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	3 N 17	13 N 2	0 S 16	12 N 24	3 N 18	12 N 37	13 7
4	3 10	13 4	0 8	13 45	3 12	12 15	12 58
7	3 2	13 6	0 0	15 3	2 51	11 21	12 48
10	3 54	13 4	0 N 8	16 15	2 18	10 3	12 39
13	2 47	12 59	0 17	17 29	1 34	8 31	12 29
16	2 39	12 53	0 25	18 33	0 45	6 59	12 20
19	2 31	12 42	0 34	19 40	0 S 5	5 38	12 10
22	2 23	12 30	0 43	20 36	0 52	4 35	12 1
25	2 16	12 16	0 50	21 31	1 33	3 55	11 51
28	2 8	12 0	1 0	22 17	2 7	3 39	11 42

D. M.	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	9 6	6 54	4 13	3 21	24 38			☐				☐	☐
2	9 3	7 4	4 3	4 35	24 31	♀ Δ ♂	*		☐	♈			
3	8 59	7 14	3 54	5 48	24 16								*
4	8 55	7 23	3 45	7 23	53	♀ ☐ ♈		Δ	Δ		♈	*	
5	8 51	7 32	3 37	8 15	23 25	♀ ♂ h							
6	8 47	7 41	3 30	9 29	22 54						*		
7	8 43	7 50	3 24	10 42	22 20								
8	8 39	7 59	3 19	11 56	21 42		♈				*		♈
9	8 35	8 8	3 14	13 9	20 59			♈	♈		☐	Δ	
10	8 31	8 17	3 10	14 22	20 14	☉ ♂ ♈							♈
11	8 27	8 25	3 7	15 36	19 39	♈ ☐ h					☐		
12	8 23	8 34	3 5	16 49	18 44					Δ			*
13	8 18	8 42	3 4	18 2	18 0		*	Δ					
14	8 14	8 50	3 3	19 15	17 17				Δ		*		
15	8 10	8 58	3 D	20 28	16 37		☐	☐				*	☐
16	8 5	9 5	3 4	21 41	16 0					☐	♈		
17	8 1	9 13	3 6	22 54	15 26		Δ	*					☐
18	7 57	9 21	3 9	24 7	14 55			*	*		♈		☐
19	7 52	9 28	3 12	25 20	14 28	☉ ♂ h						Δ	
20	7 48	9 35	3 16	26 33	14 6					Δ			
21	7 43	9 42	3 20	27 46	13 49								♈
22	7 38	9 49	3 25	28 58	13 38		♈	♈	♈	☐	*		
23	7 34	9 56	3 31	0 11	13 33								
24	7 29	10 3	3 37	1 24	13 D 31	☉ Δ ♂						☐	♈
25	7 24	10 9	3 44	2 36	13 32					*			Δ
26	7 20	10 15	3 52	3 49	13 40	♀ ☐ ♂	Δ	*				Δ	
27	7 15	10 21	4 0	5 1	13 53				*				☐
28	7 11	10 27	4 9	6 13	14 11	☉ ♂ h		☐			♈		
29	7 6	10 33	4 18	7 26	14 32		☐		☐	♈		Δ	
30	7 2	10 39	4 28	8 38	14 59								*

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	15	54	0 N 34	10 S 12	2 N 41	11 S 19	0 S 29	18 S 1
4	15	54	0 34	10 9	2 41	11 13	0 29	17 58
7	15	53	0 34	10 5	2 41	11 10	0 30	17 54
10	15	52	0 34	10 2	2 41	11 6	0 30	17 50
13	15	51	0 34	10 0	2 40	11 2	0 31	17 46
16	15	51	0 34	9 58	2 40	10 58	0 32	17 42
19	15	50	0 34	9 56	2 40	10 54	0 33	17 38
22	15	50	0 34	9 54	2 40	10 50	0 33	17 34
25	15	49	0 34	9 52	2 39	10 47	0 34	17 30
28	15	49	0 34	9 50	2 39	10 44	0 34	17 26
31	15	48	0 34	9 48	2 38	10 41	0 34	17 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long
		H. M. S.	°	'	°	'	°	'
1	F	2 33 58	10 8 9	3 14 N 53	0 54	5 N 8	6 S 21	27 4
2	S	2 37 55	11 7 12	15 11 12	46 5	12 1	58 27	84
3	S	2 41 52	12 5 20	15 29 24	39 5	3 2 N 30	27 4	
4	M	2 45 49	13 3 26	15 46 6	38 4	40 6	55 27	4
5	Tu	2 49 45	14 1 30	16 4 18	45 4	4 11	7 27	4
6	W	2 53 41	14 59 34	16 21 18	1 3	17 14	55 27	8
7	Th	2 57 38	15 57 35	16 38 13	29 2	20 18	7 27	
8	F	3 1 35	16 55 35	16 54 26	10 1	14 20	31 27	
9	S	3 5 31	17 53 34	17 11 9	3 0	4 21	54 27	
10	S	3 9 27	18 51 30	17 27 22	8 1	8 22	6 27	
11	M	3 13 24	19 49 25	17 43 52	27 2	17 21	4 27	
12	Tu	3 17 21	20 47 18	17 58 18	59 3	20 18	49 27	
13	W	3 21 17	21 45 10	18 13 22	44 4	12 15	28 27	
14	Th	3 25 14	22 42 59	18 28 16	42 4	50 11	13 27	
15	F	3 29 11	23 40 48	18 42 0	51 5	12 6	19 27	
16	S	3 33 7	24 38 34	18 57 15	10 5	14 1	1 27	
17	S	3 37 4	25 36 18	19 11 29	36 4	57 48	S 23	27
18	M	3 41 0	26 34 1	19 24 14	4 4	21 9	34 27	
19	Tu	3 44 57	27 31 43	19 38 28	30 3	29 14	12 27	
20	W	3 48 54	28 29 23	19 51 12	49 2	24 17	59 27	
21	Th	3 52 50	29 27 12	20 3 26	55 1	10 20	38 27	
22	F	3 56 46	0 24 39	20 15 10	44 0	N 5 21	59 27	
23	S	4 0 43	1 22 15	20 27 24	13 1	19 22	1 26	
24	S	4 4 40	2 19 50	20 39 7	22 2	27 20	48 26	
25	M	4 8 37	3 17 24	20 50 20	11 3	26 18	33 26	
26	Tu	4 12 33	4 14 57	21 1 2	41 4	13 15	28 26	
27	W	4 16 29	5 12 29	21 11 14	56 4	48 11	47 26	
28	Th	4 20 25	6 10 0	21 21 27	0 5	9 7	41 26	
29	F	4 24 22	7 7 31	21 31 8	56 5	17 3	20 26	
30	S	4 28 19	8 5 12	21 41 20	49 5	11 1 N	7 26	
31	S	4 32 15	9 2 30	21 50 2	44 4	52 5	33 26	

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 3	11 N 43	1 N 6	23 N 2	28 S 34	3 N 44	11.7 32
4	1 57	11 23	1 13	23 38	2 53	4 11	11 23
7	1 50	11 3	1 21	24 10	3 5	4 55	11 18
10	1 44	10 43	1 27	24 38	3 10	5 56	11 4
13	1 38	10 17	1 34	24 54	3 10	7 10	10 54
16	1 32	9 51	1 41	25 8	3 3	8 37	10 45
19	1 26	9 25	1 46	25 13	2 51	10 14	10 35
22	1 21	8 57	1 50	25 14	2 34	11 58	10 26
25	1 16	8 28	1 55	25 6	2 13	13 49	10 16
28	1 11	7 58	1 58	24 49	1 47	15 43	10 7
31	1 6	7 24	2 0	24 32	1 18	17 37	9 57

D M	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☽	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	6 57	10 45	4 39	9 50	15 28	♀ Δ ♈		Δ				♊	
2	6 53	10 50	4 50	11 3	16 1	☉ □ ♈	*		Δ				□
3	6 48	10 55	5 2	12 15	16 40								
4	6 44	11 0	5 14	13 27	17 25					*			
5	6 39	11 5	5 27	14 39	18 12							*	♌
6	6 35	11 10	5 40	15 51	19 1			♌	♊	♊	□	Δ	
7	6 30	11 15	5 54	17 3	19 52			♌					
8	6 26	11 19	6 8	18 15	20 47								
9	6 21	11 23	6 23	19 27	21 46	♊ * ♈				Δ	□		♌
10	6 17	11 27	6 39	20 39	22 49			Δ				♌	*
11	6 12	11 31	6 55	21 51	23 52				Δ		*		
12	6 8	11 35	7 12	23 3	25 0		*						
13	6 3	11 38	7 29	24 14	26 12			□	□		♊		□
14	5 58	11 41	7 46	25 26	27 26		□			♊			
15	5 54	11 44	8 4	26 37	28 42	♊ ♊ ♈		*	*			*	Δ
16	5 50	11 47	8 22	27 49	29 59	♀ Δ ♈		Δ				♌	
17	5 46	11 50	8 41	29 0	1 18			Δ				□	
18	5 42	11 53	9 0	0 11	2 42						Δ		
19	5 38	11 56	9 19	1 22	4 9			♌				Δ	♊
20	5 34	11 58	9 38	2 33	5 38	♊ ♊ ♈			♌	♌	□	*	
21	5 30	12 0	9 58	3 44	7 8			♊					
22	5 26	12 10	10 19	4 55	8 40	♀ Δ ♈					*	□	
23	5 22	12 40	10 40	6 6	10 15	♊ Δ ♊		*		*		Δ	♊
24	5 18	12 6	11 1	7 17	11 52	♊ □ ♈			*			Δ	♊
25	5 15	12 7	11 23	8 28	13 32								
26	5 11	12 8	11 43	9 39	15 14			Δ	□	□		♌	
27	5 8	12 8	12 7	10 49	16 59								□
28	5 4	12 9	12 30	12 0	18 46	♀ * ♊			Δ			♊	
29	5 1	12 9	12 53	13 10	20 35			□		Δ			
30	4 57	12 10	13 16	14 21	22 26								*
31	4 54	12 10	13 40	15 31	24 19								

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 34	9 S 47	2 N 37	10 S 40	0 S 35	17 S 44
4	15	48	0 34	9 46	2 37	10 37	0 36	17 45
7	15	47	0 34	9 45	2 36	10 35	0 37	17 46
10	15	47	0 34	9 43	2 36	10 33	0 38	17 48
13	15	46	0 33	9 42	2 35	10 32	0 38	17 51
16	15	46	0 33	9 41	2 35	10 30	0 39	17 54
19	15	46	0 33	9 40	2 34	10 29	0 40	17 57
22	15	46	0 33	9 39	2 33	10 28	0 40	18 1
25	15	46	0 33	9 39	2 32	10 27	0 41	18 5
28	15	45	0 33	9 38	2 32	10 27	0 41	18 9

D M	D W	Sideres' Time.	☉ Long.		☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♂ Long.
		H. M. S.	°	'	°	°	'	°	'
1	M	4 36 12	9	59 59	21 N 58	14	45	4 N 20	9 N 49
2	Tu	4 40 8	10	57 27	22	6 26	56	3 36	13 45
3	W	4 44 5	11	54 54	22	14 9	21	2 41	17 10
4	Th	4 48 2	12	52 21	22	21 22	1	1 37	19 51
5	F	4 51 58	13	49 46	22	29 4	57	0 27	21 35
6	S	4 55 55	14	47 11	22	36 18	11	0 8 46	22 10
7	S	4 59 51	15	44 35	22	42 1	55 42	1 58	21 29
8	M	5 3 48	16	41 58	22	48 15	27	3 5	19 30
9	Tu	5 7 44	17	39 20	22	53 29	24	4 1	16 22
10	W	5 11 41	18	36 41	22	58 13	30	4 44	12 15
11	Th	5 15 38	19	34 2	23	3 27	42	5 9	7 26
12	F	5 19 34	20	31 21	23	7 11	56	5 16	2 3
13	S	5 23 31	21	28 39	23	11 26	11	5 4	3 17
14	S	5 27 28	22	25 57	23	15 10	23	4 32	8 27
15	M	5 31 24	23	23 13	23	18 24	30	3 45	13 0
16	Tu	5 35 21	24	20 29	23	20 8	30	2 44	16 57
17	W	5 39 17	25	17 44	23	22 23	21	1 35	19 54
18	Th	5 43 13	26	14 58	23	25 6	0	0 21	21 40
19	F	5 47 10	27	12 12	23	26 19	26	0 N 53	22 10
20	S	5 51 6	28	9 25	23	27 2	38	2 3	21 23
21	S	5 55 3	29	6 38	23	28 15	34	3 5	19 30
22	M	5 58 59	0	3 51	23	28 28	15	3 56	16 40
23	Tu	6 2 56	1	1 3	23	27 10	42	4 35	13 9
24	W	6 6 52	1	58 15	23	27 22	55	5 1	9 9
25	Th	6 10 49	2	55 28	23	26 4	59	5 13	4 50
26	F	6 14 46	3	52 40	23	24 16	54	5 11	0 24
27	S	6 18 42	4	49 52	23	22 28	47	4 57	4 N 3
28	S	6 22 38	5	47 5	23	20 10	42	4 29	8 22
29	M	6 26 35	6	44 18	23	17 22	43	3 49	12 23
30	Tu	6 30 32	7	41 31	23	14 4	55	2 59	15 59

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 4	7 N 15	2 S 2	24 N 26	1 S 7	18 N 14	9 53
4	0 59	6 42	2 5	23 56	0 35	20 3	9 43
7	0 55	6 9	2 5	23 26	0 3	21 42	9 34
10	0 50	5 34	2 5	22 46	0 N 29	23 6	9 24
13	0 46	4 59	2 5	22 4	0 58	24 9	9 15
16	0 42	4 20	2 3	21 13	1 21	24 48	9 6
19	0 38	3 44	2 1	20 21	1 39	25 2	8 56
22	0 34	3 6	1 57	19 21	1 51	24 52	8 46
25	0 30	2 27	1 53	18 21	1 55	24 19	8 37
28	0 26	1 47	1 46	17 17	1 54	23 28	8 27

D M	h		♄		♅		♆		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	4 50	12 10	14 4	16 41	26 15	28 11	15	15		*						
2	4 47	12 10	14 29	17 52	28 11	11	11				♈					
3	4 44	12 9	14 54	19 2	0 11	11	11	☉ Δ ♄				♈				
4	4 41	12 9	15 19	20 12	2 15	15	15								*	
5	4 38	12 8	15 44	21 22	4 20	20	20									♌
6	4 35	12 7	16 9	22 32	6 26	26	26			♈				Δ		
7	4 32	12 6	16 35	23 42	8 32	32	32				Δ	Δ				
8	4 29	12 5	17 24	24 51	10 40	40	40	☿ Δ ♄							*	
9	4 27	12 3	17 28	26 1	12 50	50	50	☉ ☐ ♈				☐	☐			♈
10	4 24	12 1	17 55	27 10	15 1	1	1	☿ ☐ ♈	*					♈		*
11	4 22	11 59	18 22	28 20	1 7	7	7				*	*				
12	4 19	11 57	18 48	29 29	19 24	24	24	☿ ☐ ♈							♈	
13	4 17	11 55	19 15	0 38	21 36	36	36	☉ ☐ ♈							*	☐
14	4 14	11 52	19 43	1 47	23 48	48	48							Δ		
15	4 12	11 49	20 11	2 56	25 59	59	59			Δ	♈					Δ
16	4 10	11 46	20 39	4 5	28 10	10	10	☿ Δ ♈				♈				
17	4 8	11 43	21 7	5 14	0 20	20	20	☿ ☐ ♈							*	☐
18	4 8	11 40	21 35	6 23	2 29	29	29	☉ Δ ♈							*	Δ
19	4 4	11 37	22 4	7 31	4 36	36	36	☿ Δ ♈								
20	4 2	11 33	22 8	8 39	6 42	42	42			♈	*	*				*
21	4 1	11 29	23 2	9 47	8 46	46	46									
22	3 59	11 25	23 32	10 55	10 49	49	49	☿ ♈ ♄				☐	☐		Δ	
23	3 58	11 21	24 1	12 3	12 50	50	50							♈		♈
24	3 56	11 17	24 30	13 11	14 49	49	49					Δ				
25	3 55	11 13	25 0	14 19	16 45	45	45			Δ		Δ				
26	3 54	11 8	25 31	15 27	18 39	39	39	☉ Δ ♈								Δ
27	3 53	11 4	26 1	16 34	20 32	32	32								♈	
28	3 52	10 59	26 32	17 42	22 23	23	23							*		
29	3 51	10 54	27 2	18 49	24 12	12	12				♈					Δ
30	3 50	10 49	27 33	19 56	25 58	58	58	☿ ☐ ♈	*			♈				☐

JULY XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"		°	'	°	'	°	'
1	15	45	0	N 33	9 S 38	2 N 30	10 S 27	0 S 42	18 S 14
4	15	45	0	33	9 38	2 30	10 27	0 42	18 20
7	15	45	0	33	9 39	2 29	10 27	0 43	18 25
10	15	46	0	33	9 39	2 28	10 28	0 44	18 31
13	15	46	0	33	9 40	2 27	10 29	0 45	18 37
16	15	46	0	32	9 40	2 27	10 30	0 45	18 43
19	15	46	0	32	9 41	2 26	10 32	0 46	18 49
22	15	46	0	32	9 41	2 25	10 34	0 46	18 55
25	15	47	0	32	9 42	2 24	10 37	0 47	19 2
28	15	47	0	32	9 44	2 24	10 40	0 47	19 8
31	15	47	0	32	9 45	2 23	10 43	0 47	19 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	6 34 28	8 33 44	23 N 11	17 3 23	1 N 59	18 N 56	26 14
2	Th	6 38 25	9 35 57	23	7 0 10	0 51	21	26 18
3	F	6 42 22	10 33 11	23	3 13 18	0 S 20	22	5 26 13
4	S	6 46 18	11 30 25	22	58 26 49	1 33	21	53 26 13
5	S	6 50 15	12 27 39	22	52 10 54	2 42	20	21 26 13
6	M	6 54 11	13 24 52	22	47 24 52	3 42	17	32 26 D 14
7	Tu	6 58 7	14 22 6	22	41 9 17	4 29	13	37 26 14
8	W	7 2 4	15 19 20	22	35 23 50	5 0	8	52 26 14
9	Th	7 6 1	16 16 34	22	28 8 24	5 11	3	37 26 14
10	F	7 9 58	17 13 48	22	21 22 54	5 2	18	48 26 14
11	S	7 13 54	18 11 2	22	14 7 14	4 34	7	4 26 15
12	S	7 17 50	19 8 15	22	6 21 23	3 50	11	54 26 16
13	M	7 21 46	20 5 29	21	57 5 18	2 53	16	1 26 16
14	Tu	7 25 43	21 2 43	21	49 19 0	1 47	19	12 26 17
15	W	7 29 40	21 59 56	21	40 2 28	0 36	21	16 26 18
16	Th	7 33 36	22 57 10	21	30 15 43	0 N 35	22	6 26 18
17	F	7 37 33	23 54 25	21	21 28 46	1 44	21	43 26 19
18	S	7 41 30	24 51 39	21	11 11 37	2 46	20	12 26 20
19	S	7 45 27	25 48 54	21	0 24 16	3 39	17	41 26 20
20	M	7 49 23	26 46 9	20	49 6 45	4 20	14	24 26 21
21	Tu	7 53 20	27 43 25	20	38 19 2	4 49	10	33 26 22
22	W	7 57 16	28 40 42	20	27 1 10	5 4	6	20 26 23
23	Th	8 1 13	29 37 59	20	15 13 9	5 5	1	56 26 24
24	F	8 5 9	0 35 17	20	3 25 3	4 53	2 N 31	26 25
25	S	8 9 6	1 32 37	19	50 6 55	4 29	6	52 26 26
26	S	8 13 3	2 29 57	19	37 18 48	3 53	10	58 26 27
27	M	8 16 59	3 27 18	19	24 0 47	3 7	14	40 26 28
28	Tu	8 20 55	4 24 40	19	11 12 57	2 11	17	49 26 29
29	W	8 24 52	5 22 4	18	57 25 23	1 8	20	14 26 30
30	Th	8 28 49	6 19 28	18	43 8 10	0 S 0	21	41 26 31
31	F	8 32 45	7 16 54	18	28 21 21	1 10	23	1 26 32

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "
1	0 N 23	1 N 7	1 N 41	16 N 5	1 N 46	22 N 23	8 7 18
4	0 19	0 26	1 33	14 56	1 32	21 5	8 8
7	0 16	0 8 15	1 25	13 37	1 15	19 39	7 59
10	0 13	0 57	1 14	12 18	0 53	18 7	7 49
13	0 9	1 39	1 5	10 59	0 26	16 33	7 40
16	0 7	2 23	0 53	9 41	0 8 4	14 57	7 30
19	0 3	3 5	0 41	8 18	0 37	13 23	7 21
22	0 1	3 48	0 26	6 51	1 12	11 53	7 11
25	0 8 3	4 32	0 13	5 23	1 49	10 30	7 2
28	0 5	5 17	0 8 3	3 53	2 27	9 16	6 52
31	0 3	6 3	0 20	2 32	3 5	8 15	6 43

D M	h	♂	♂	♀	♀	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "							
1	3 49	10 44	28 4	21 12	3 27 25 42	♂ * ♂					☐	*
2	3 48	10 39	28 35	22 10	29 25						Δ	*
3	3 48	10 33	29 7	23 16	1 12 5						Δ	*
4	3 47	10 27	29 39	24 23	2 42	♂ ☐ ♀	☉	Δ			☐	*
5	3 47	10 21	0 11	25 29	4 17	♀ ☐ ♀	☉	Δ				
6	3 47	10 15	0 43	26 35	5 51	♀ * ☿		☐				
7	3 47	10 9	1 15	27 41	7 23				☐	♂	*	☉
8	3 47	10 2	1 47	28 47	8 53		*					☉
9	3 47	9 56	2 20	29 52	10 20	♂ ♂ ♀		*				
10	3 48	9 49	2 52	0 58	11 45		*		*			
11	3 48	9 43	3 25	2 3	13 8					Δ	☉	*
12	3 48	9 36	3 58	3 9	14 28	♀ * ♀	☐	☉		☉		
13	3 48	9 29	4 31	4 14	15 46				☉	☐		*
14	3 50	9 22	5 4	5 18	17 2		Δ					☐
15	3 50	9 15	5 38	6 22	18 15						*	☐
16	3 51	9 8	6 12	7 26	19 26				*			Δ
17	3 51	9 1	6 46	8 30	20 34			*	*			
18	3 52	8 54	7 20	9 34	21 39						☐	Δ
19	3 53	8 46	7 54	10 36	22 42		♂	☐			☐	
20	3 54	8 39	8 28	11 41	23 42	☉ ☐ ☿			☐	☉	Δ	
21	3 56	8 31	9 3	12 43	24 39	♂ Δ ♀						♂
22	3 57	8 24	9 37	13 46	25 34			Δ	Δ			
23	3 59	8 16	10 12	14 48	26 28	♀ * ☿						♂
24	4 0	8 9	10 46	15 50	27 15							
25	4 2	8 1	11 21	16 52	27 56		Δ			*	♂	
26	4 4	7 54	11 57	17 53	28 35			☐	♂	♂		
27	4 6	7 46	12 32	18 54	29 12							Δ
28	4 8	7 38	13 8	19 55	29 47	☉ ☐ ♀				☐		
29	4 10	7 30	13 43	20 56	0 17							Δ
30	4 12	7 22	14 19	21 57	0 41		*			Δ	Δ	☐
31	4 14	7 14	14 54	22 58	0 59	☉ ♂ ♀		Δ				☐

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	15 47	0 N 31	9 S 46	2 N 23	10 S 43	0 S 48	19 S 19
4	15 47	0 31	9 48	2 22	10 46	0 49	19 24
7	15 48	0 31	9 50	2 21	10 50	0 48	19 29
10	15 48	0 31	9 52	2 20	10 54	0 49	19 35
13	15 49	0 31	9 54	2 19	10 58	0 49	19 41
16	15 49	0 31	9 56	2 19	11 2	0 49	19 46
19	15 50	0 31	9 58	2 18	11 6	0 49	19 52
22	15 50	0 31	10 0	2 17	11 11	0 49	19 57
25	15 51	0 31	10 2	2 16	11 16	0 49	20 1
28	15 51	0 31	10 5	2 16	11 21	0 49	20 5
31	15 52	0 31	10 8	2 15	11 26	0 49	20 9

D M	D W	Sidereal Time.	☉ Long.			☉ Declin			☾ Long.			☾ Lat.			☾ Declin			♂ Long.		
		H. M. S.	° ' "			° ' "			° ' "			° ' "			° ' "			° ' "		
1	S	8 36 42	8	2	14 21	18	N	13	5	25	0	28	18	21	N	4	26	△	32	
2	S	8 40 39	9	11	48	17		58	19	5	3	20	18		48	26		33		
3	M	8 44 35	10	9	17	17		43	3	32	35	4	11	15		18	26		34	
4	Tu	8 48 31	11	6	47	17		27	18	23	4	46	10		47	26		35		
5	W	8 52 29	12	4	18	17		11	3	27	21	5	2	5		35	26		37	
6	Th	8 56 25	13	1	49	16		55	18	19	4	58	0		3	26		39		
7	F	9 0 21	13	59	22	16		39	3	△	9	4	33	58		26	26		41	
8	S	9 4 17	14	56	56	16		22	17	43	3	51	10		31	26		43		
9	S	9 8 14	15	54	30	16		5	1	59	2	56	14		55	26		46		
10	M	9 12 11	16	52	5	15		48	15	53	1	51	18		22	26		49		
11	Tu	9 16 8	17	49	41	15		30	29	26	0	41	20		43	26		50		
12	W	9 20 4	18	47	18	15		12	12	41	0	N	29	21		51	26		53	
13	Th	9 24 1	19	44	56	14		54	25	40	1	36	21		47	26		55		
14	F	9 27 57	20	42	34	14		36	5	25	2	38	20		34	26		57		
15	S	9 31 53	21	40	14	14		18	20	58	3	30	18		22	27		0		
16	S	9 35 50	22	37	55	13		59	3	21	4	11	15		21	27		2		
17	M	9 39 47	23	35	37	13		40	15	36	4	41	11		42	27		4		
18	Tu	9 43 43	24	33	20	13		21	27	43	4	57	7		38	27		6		
19	W	9 47 39	25	31	5	13		2	9	44	5	0	3		18	27		8		
20	Th	9 51 36	26	28	51	12		42	21	39	4	49	1	N	7	27		10		
21	F	9 55 33	27	26	30	12		22	3	31	4	26	5		28	27		12		
22	S	9 59 29	28	24	28	12		2	15	21	3	52	9		37	27		14		
23	S	10 3 26	29	22	19	11		42	27	13	3	8	13		24	27		16		
24	M	10 7 22	0	20	12	11		22	9	10	2	14	16		41	27		18		
25	Tu	10 11 19	1	18	7	11		1	21	18	1	14	19		18	27		21		
26	W	10 15 15	2	16	3	10		41	3	11	0	9	21		4	27		23		
27	Th	10 19 13	3	14	1	10		20	16	24	0	S	57	21		49	27		25	
28	F	10 23 9	4	12	1	9		59	29	31	2	4	21		34	27		29		
29	S	10 27 5	5	10	4	9		38	13	58	3	5	19		45	27		31		
30	S	10 31 1	6	8	8	9		16	27	14	3	57	16		51	27		34		
31	M	10 34 58	7	6	14	8		55	11	24	4	36	12		50	27		36		

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 9	6 S 15	08 25	2 N 1	3 S 17	7 N 58	6 40
4	0 12	6 59	0 44	0 36	3 51	7 20	6 30
7	0 15	7 43	1 2	0 S 52	4 20	7 5	6 21
10	0 17	8 28	1 26	2 18	4 40	7 14	6 11
13	0 20	9 12	1 43	3 43	4 47	7 50	6 2
16	0 22	9 56	2 7	5 4	4 38	8 47	5 52
19	0 24	10 40	2 27	6 28	4 13	9 59	5 43
22	0 27	11 23	2 52	7 45	3 33	11 19	5 33
25	0 29	12 6	3 14	9 5	2 42	12 33	5 24
28	0 31	12 48	3 42	10 13	1 47	18 30	5 14
31	0 33	13 34	4 6	11 21	0 52	14 4	5 5

D M	♈		♉		♊		♋		♌		Mutual Aspts.	Lunar Aspects.							
	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.		☉	☽	♈	♉	♊	♋	♌	♍
1	4	m 16	7	m 6	15	△ 30	23	m 58	1	m 15									*
2	4	18	6	B 58	16		6	24	58	1	27			△					*
3	4	21	6		50	16		42	25	57	1 B 32	♈	☐	☐	♊		☐	*	
4	4	23	6		43	17		19	26	56	1	31					*		
5	4	26	6		35	17		55	27	54	1	25		*	*				♈
6	4	28	6		27	18		31	28	51	1	14							
7	4	31	6		20	19		8	29	48	0	58					△		♈
8	4	34	6		12	19		45	0	△ 45	0	37	*					♈	
9	4	37	6		5	20		22	1	42	0	11		♈	♈	☐			*
10	4	40	5		57	20		59	2	38	29 Ω 40		☐						
11	4	43	5		50	21		36	3	33	29	4				*		*	☐
12	4	46	5		42	22		13	4	28	28	23							
13	4	50	5		35	22		51	5	22	27	38	♀ △ ♀	△	*			*	☐
14	4	53	5		27	23		28	6	16	26	51	♀ * ♀		*		*	☐	△
15	4	57	5		20	24		6	7	9	26	2		☐			☐		
16	5	0	5		13	24		44	8	2	25	10	♀ ☐ ♀			☐	♈		△
17	5	4	5		6	25		21	8	55	24	18	☉ ☐ ♀						
18	5	8	4		59	25		59	9	47	23	26	♀ * ♈	♈	△			△	♈
19	5	12	4		52	26		37	10	38	22	36			△				
20	5	16	4		45	27		15	11	28	21	49	♈ ☐ ♀						
21	5	20	4		39	27		53	12	17	21	6	☉ * ♀				*		
22	5	24	4		32	28		32	13	6	20	26	☉ * ♈					♈	△
23	5	28	4		26	29		10	13	54	19	52		△	♈			♈	
24	5	32	4		19	29		48	14	42	19	25				♈	☐		
25	5	37	4		13	0 m 27		15		29	19	4							☐
26	5	42	4		7	1		6	16	16	18	49		☐			△		
27	5	46	4		1	1		45	17	2	18	D 14						△	*
28	5	51	3		56	2		24	17	46	18	48		*	△	△		△	
29	5	55	3		50	3		3	18	29	19	0						☐	
30	6	0	3		45	3		42	19	11	19	20	☉ * ♀		☐		♈	☐	
31	6	4	3		39	4		21	19	52	19	47	♈ ☐ ♀			☐			

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
			°	'	°	'	°	'
1	15	54	0 N 30	10 S 11	2 N 15	11 S 28	0 S 50	20 S 11
4	15	54	0 30	10 14	2 15	11 33	0 50	20 14
7	15	55	0 30	10 17	2 14	11 39	0 50	20 18
10	15	56	0 30	10 21	2 14	11 45	0 50	20 20
13	15	57	0 30	10 24	2 13	11 50	0 50	20 22
16	15	57	0 30	10 28	2 13	11 56	0 50	20 24
19	15	58	0 30	10 30	2 12	12 2	0 50	20 26
22	15	59	0 30	10 33	2 12	12 8	0 50	20 27
25	16	0	0 30	10 36	2 11	12 15	0 50	20 27
28	16	0	0 30	10 40	2 11	12 21	0 50	20 27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	10 38 55	8 ^m 4 21	8 N 33	26 2 46	4 S 57	7 N 56	27 39
2	W	10 42 51	9 2 30	8 11 11 ^m	58 4 58	2 29	27 42	
3	Th	10 46 48	10 0 41	7 49 27	14 4 38	3 8 9	27 45	
4	F	10 50 45	10 58 54	7 27 12	22 3 58	8 33	27 47	
5	S	10 54 41	11 57 8	7 5 27	14 3 3 13	20 27 50		
6	S	10 58 38	12 55 24	6 43 11 ^m	42 1 57	17 12 27 53		
7	M	11 2 35	13 53 41	6 20 25	44 0 45	19 56 27 56		
8	Tu	11 6 31	14 52 0	5 58 9	20 0 N 27	21 26 27 59		
9	W	11 10 27	15 50 21	5 35 22	33 1 35	21 40 28 2		
10	Th	11 14 24	16 48 43	5 13 5	24 2 37	20 44 28 5		
11	F	11 18 21	17 47 6	4 50 18	0 3 29	18 47 28 8		
12	S	11 22 17	18 45 31	4 27 0 ^m	22 4 11	16 0 28 11		
13	S	11 26 18	19 43 57	4 4 12	34 4 41	12 34 28 14		
14	M	11 30 10	20 42 26	3 41 24	38 4 57	8 39 28 18		
15	Tu	11 34 7	21 40 56	3 18 6	37 5 1	4 26 28 21		
16	W	11 38 4	22 39 27	2 55 18	31 4 51	0 5 28 24		
17	Th	11 42 0	23 38 1	2 32 0	24 4 28	4 N 16 28 27		
18	F	11 45 57	24 36 37	2 9 12	15 3 54	8 26 28 31		
19	S	11 49 53	25 35 14	1 45 24	6 3 10	12 18 28 34		
20	S	11 53 49	26 33 54	1 22 6	1 2 17	15 41 28 37		
21	M	11 57 46	27 32 36	0 59 18	1 1 17	18 27 28 41		
22	Tu	12 1 43	28 31 20	0 35 0	10 0 13	20 25 28 44		
23	W	12 5 39	29 30 7	0 12 12	32 0 S 53	21 27 28 48		
24	Th	12 9 36	0 28 56	0 S 12	25 13 1 58	21 25 28 51		
25	F	12 13 32	1 27 47	0 35 8	15 2 58	20 14 28 54		
26	S	12 17 29	2 26 40	0 59 21	44 3 51	17 54 28 58		
27	S	12 21 26	3 25 36	1 22 5	42 4 33	14 27 29 2		
28	M	12 25 22	4 24 34	1 45 20	8 4 58	10 4 29 6		
29	Tu	12 29 19	5 23 34	2 9 4	59 5 5	4 58 29 9		
30	W	12 33 15	6 22 37	2 32 20	8 4 51	0 S 33 29 12		

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 S 34	13 S 44	4 S 12	11 S 55	0 S 35	14 N 9	5 1
4	0 36	14 25	4 38	12 54	0 N 12	14 4	4 51
7	0 38	15 6	5 3	14 4	0 50	13 27	4 42
10	0 40	15 46	5 41	15 0	1 19	12 21	4 32
13	0 42	16 26	5 54	15 54	1 38	10 49	4 23
16	0 44	17 4	6 20	16 38	1 48	8 57	4 13
19	0 45	17 41	6 42	17 17	1 50	6 51	4 4
22	0 47	18 18	7 1	17 47	1 46	4 35	3 54
25	0 49	18 52	7 23	18 7	1 37	2 16	3 45
28	0 51	19 27	7 35	18 13	1 24	0 S 5	3 35

D M	♂		♀		♂		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
	°	'	°	'	°	'		°	'	°	'	°	'
1	6 m 9	3 m 34	5 m 1	20 n 32	20 n 22				*			*	♂
2	6 14	3 R 29	5 40	21 11	21 1	♂ * ♀	♂		*		*		
3	6 19	3 24	6 20	21 49	21 53	♂ ♂ ♀				Δ			
4	6 24	3 20	7 0	22 26	22 48								
5	6 29	3 15	7 39	23 22	24 8			♂		□		♂ *	
6	6 34	3 10	8 19	23 37	25 21			*		♂		♂	
7	6 39	3 6	8 59	24 10	26 36					♂			□
8	6 44	3 2	9 39	24 43	27 59	♀ * ♀	♀	□		*		*	
9	6 50	2 59	10 19	25 14	29 28				*		*	*	
10	6 55	2 55	11 0	25 43	1 m 8					*		*	Δ
11	7 1	2 52	11 40	26 12	2 41			Δ					
12	7 6	2 48	12 20	26 35	4 21				□		♂	□	
13	7 12	2 45	13 1	26 58	6 4					□		□	
14	7 17	2 42	13 41	27 19	7 49	♂ * ♀	♂		Δ			Δ	
15	7 25	2 40	14 22	27 38	9 36	♀ ♂ ♀	♀			Δ			♂
16	7 29	2 37	15 3	27 56	11 26			♂				Δ	
17	7 35	2 35	15 44	28 13	13 16						*		
18	7 41	2 32	16 25	28 29	15 7								
19	7 47	2 30	17 6	28 44	16 58	♀ * ♂	♂		♂			♂	
20	7 53	2 28	17 47	28 56	18 50					♂	□		
21	7 59	2 27	18 29	29 5	20 41							♂	Δ
22	8 5	2 25	19 10	29 12	22 32			Δ			Δ		
23	8 11	2 24	19 52	29 R 16	24 22								
24	8 17	2 23	20 33	29 16	26 12				□	Δ			Δ
25	8 22	2 22	21 15	29 16	28 2					Δ			□
26	8 29	2 21	21 56	29 14	29 51	☉ Δ ♀	♂		□			Δ	
27	8 35	2 21	22 38	29 9	1 n 39	♀ Δ ♀	*		*		♂	□	*
28	8 41	2 20	23 20	29 1	3 27				*			□	
29	8 48	2 20	24 2	29 51	5 14	☉ ♂ ♀				*		*	
30	8 54	2 D 20	24 44	28 39	7 0							*	

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
		"	°	'	°	'	°	'
1	16	1	0 N 30	10 S 44	2 N 10	12 S 28	0 S 49	20 S 27
4	16	1	0 30	10 49	2 10	12 34	0 49	20 27
7	16	2	0 30	10 53	2 9	12 41	0 49	20 26
10	16	3	0 30	10 57	2 9	12 48	0 49	20 25
13	16	4	0 30	11 0	2 8	12 54	0 49	20 23
16	16	5	0 30	11 4	2 8	13 1	0 49	20 20
19	16	5	0 30	11 7	2 8	13 8	0 49	20 17
22	16	6	0 30	11 10	2 8	13 15	0 48	20 14
25	16	7	0 30	11 14	2 7	13 21	0 48	20 11
28	16	7	0 30	11 18	2 7	13 28	0 48	20 8
31	16	8	0 30	11 22	2 7	13 35	0 48	20 4

D M	D. W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'	°	'
1	Th	12	37	11	7	21	42	28	55	5	26	48	16	68	4
2	F	12	41	8	8	20	48	3	19	20	42	3	22	11	13
3	S	12	45	5	9	19	57	3	42	5	m 43	2	15	15	34
4	S	12	49	2	10	19	8	4	5	20	23	1	1	18	51
5	M	12	52	58	11	18	20	4	29	4	f 37	0 N 15	20	50	
6	Tu	12	56	54	12	17	35	4	52	18	22	1	28	21	29
7	W	13	0	51	13	16	51	5	14	1	w 41	2	34	20	53
8	Th	13	4	47	14	16	9	5	38	14	35	3	30	19	11
9	F	13	8	44	15	15	29	6	1	27	9	4	14	16	35
10	S	13	12	40	16	14	50	6	24	9	m 28	4	46	13	18
11	S	13	16	37	17	14	14	6	47	21	34	5	4	9	32
12	M	13	20	33	18	13	39	7	9	3	x 33	5	8	5	25
13	Tu	13	24	30	19	13	5	7	32	15	27	5	0	1	8
14	W	13	28	26	20	12	34	7	54	27	18	4	38	3	N 11
15	Th	13	32	23	21	12	5	8	17	9	r 10	4	4	7	22
16	F	13	36	20	22	11	37	8	40	21	4	3	20	11	18
17	S	13	40	16	23	11	12	9	1	3	5	1	2	26	14
18	S	13	44	13	24	10	49	9	23	15	3	1	26	17	44
19	M	13	48	10	25	10	27	9	45	27	12	0	20	19	53
20	Tu	13	52	6	26	10	8	10	7	9	11	30	0 S 47	21	8
21	W	13	56	3	27	9	52	10	28	22	0	1	53	21	21
22	Th	13	59	59	28	9	38	10	50	4	5	2	55	20	28
23	F	14	3	56	29	9	26	11	11	17	49	3	49	18	29
24	S	14	7	52	0	m	9	16	11	32	1	2	32	15	28
25	S	14	11	48	1	9	9	11	53	15	2	5	2	11	32
26	M	14	15	44	2	9	8	12	14	29	14	5	13	6	51
27	Tu	14	19	40	3	9	0	12	34	13	m 47	5	6	1	41
28	W	14	23	36	4	8	59	12	55	28	38	4	38	3	S 42
29	Th	14	27	32	5	9	1	13	15	13	2	1	3	50	8
30	F	14	31	29	6	9	4	13	35	28	45	2	47	13	38
31	S	14	35	25	7	9	10	13	55	18	m 42	1	32	17	26

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 52	19 55 59	7 8 49	18 8 13	1 N 8	2 S 26	3 1 26
4	0 54	20 30	7 54	17 50	0 51	4 43	3 16
7	0 55	21 0	7 55	17 29	0 31	6 57	3 7
10	0 57	21 28	7 48	16 45	0 11	9 7	2 57
13	0 58	21 54	7 31	15 53	0 S 9	11 11	2 48
16	0 59	22 18	7 4	14 45	0 30	13 9	2 38
19	1 0	22 42	6 36	13 39	0 50	15 1	2 29
22	1 1	23 4	5 59	12 27	1 10	16 46	2 19
25	1 2	23 22	5 18	11 15	1 29	18 23	2 10
28	1 3	23 42	4 34	10 3	1 47	19 52	2 0
31	1 4	24 2	3 48	9 0	2 3	21 12	1 51

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
1	9 m 1	2 m 20	25 m 26	28 m 25	8 m 45			♂			Δ			♂
2	9 8	2 21	26 8	28 8	10 39				♂	♂	□		♂	
3	9 14	2 22	26 53	27 49	12 10									
4	9 21	2 23	27 33	27 28	13 51									
5	9 27	2 24	28 16	27 5	15 38						*	♂		
6	9 34	2 25	28 58	26 40	17 19			*						*
7	9 41	2 27	29 41	26 13	18 50				*					*
8	9 48	2 29	0 23	25 44	20 38			□		*			*	
9	9 54	2 31	1 6	25 13	22 17				□		♂	*	□	□
10	10 1	2 33	1 46	24 4	23 59	♀ ♂ ♀		♀ ♂ ♀		□				
11	10 7	2 35	2 32	24 6	25 32	♂ * ♀		Δ					Δ	Δ
12	10 14	2 37	3 15	23 31	27 9				Δ				□	
13	10 21	2 40	3 58	22 57	28 49					Δ				
14	10 28	2 43	4 41	22 20	0 m 20	♀ ♂ ♀		♀ ♂ ♀			*			
15	10 35	2 46	5 25	21 43	1 55	☉ ♂ ♀		☉ ♂ ♀				Δ		
16	10 42	2 50	6 8	21 5	3 29	♀ ♂ ♀		♀ ♂ ♀		♂			♂	♂
17	10 49	2 53	6 52	20 27	5 3				♂	♂				♂
18	10 56	2 56	7 35	19 51	6 36					♂				
19	11 3	3 0	8 19	19 17	8 7						Δ			
20	11 10	3 4	9 2	18 43	9 38							♂		
21	11 17	3 8	9 46	18 10	11 9	♀ ♂ ♀		Δ					Δ	
22	11 24	3 13	10 30	17 38	12 40				Δ					
23	11 31	3 17	11 14	17 7	14 19					Δ			□	Δ
24	11 38	3 21	11 58	16 37	15 39	☉ ♂ ♀		☉ ♂ ♀		□		♂		
25	11 46	3 26	12 42	16 9	17 8					□			Δ	*
26	11 53	3 31	13 26	15 43	18 36			*	*					
27	12 0	3 37	14 10	15 19	20 3	☉ ♂ ♀		☉ ♂ ♀			*		□	*
28	12 7	3 42	14 54	14 58	21 30	♂ * ♀						Δ		
29	12 15	3 48	15 39	14 36	22 56							*	♂	
30	12 22	3 54	16 23	14 23	24 22				♂		□			
31	12 29	4 0	17 7	14 9	25 48			♂		♂				

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
			° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16	10	0 N 30	11 S 26	2 N 7	13 S 37	0 S 48	20 S 1
4	16	10	0 30	11 30	2 7	13 43	0 48	19 56
7	16	11	0 30	11 35	2 7	13 50	0 47	19 52
10	16	12	0 30	11 39	2 7	13 57	0 47	19 46
13	16	12	0 30	11 42	2 7	14 3	0 47	19 40
16	16	13	0 30	11 45	2 7	14 9	0 47	19 33
19	16	14	0 30	11 48	2 7	14 16	0 47	19 27
22	16	14	0 30	11 51	2 7	14 23	0 47	19 21
25	16	15	0 30	11 55	2 7	14 28	0 47	19 13
28	16	15	0 30	11 59	2 7	14 34	0 47	19 5

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	14 39 21	8 ^m 9 17	14 S 14	28 ^m 23	0 S 12	20 S 1	1 ^h 10
2	M	14 43 18	9 9 26	14 34 12	42	1 N 6	21 17	1 13
3	Tu	14 47 14	10 9 37	14 54 26	35	2 18	21 7	1 17
4	W	14 51 11	11 9 50	15 12 10	w 2	3 21	19 45	1 21
5	Th	14 55 7	12 10 4	15 30 23	8	4 10	17 22	1 24
6	F	14 59 4	13 10 19	15 48 5	m 42	4 47	14 14	1 28
7	S	15 3 0	14 10 36	16 6 18	3	5 8	10 32	1 32
8	S	15 6 57	15 10 55	16 24 0	x 10	5 16	6 29	1 36
9	M	15 10 54	16 11 15	16 42 12	7	5 10	2 15	1 40
10	Tu	15 14 51	17 11 36	16 59 23	59	4 51	2 N 3	1 44
11	W	15 18 47	18 11 59	17 16 5	r 50	4 19	6 17	1 48
12	Th	15 23 44	19 12 23	17 33 17	43	3 35	10 17	1 52
13	F	15 26 40	20 12 49	17 49 29	41	2 43	13 55	1 56
14	S	15 30 37	21 13 17	18 5 11	46	1 43	17 0	1 59
15	S	15 34 33	22 13 46	18 21 24	0	0 36	19 23	2 3
16	M	15 38 30	23 14 16	18 36 6	24	0 S 32	20 52	2 4
17	Tu	15 42 26	24 14 49	18 51 19	0	1 41	21 20	2 10
18	W	15 46 23	25 15 23	19 6 1	48	2 45	20 42	2 14
19	Th	15 50 20	26 15 58	19 20 14	50	3 42	18 58	2 17
20	F	15 54 16	27 16 36	19 34 28	6	4 28	16 11	2 20
21	S	15 58 13	28 17 15	19 48 11	23	5 0	12 30	2 23
22	S	16 2 9	29 17 56	20 1 25	23	5 16	8 6	2 26
23	M	16 6 6	0 ^f 18 39	20 14 9	m 25	5 14	3 12	2 29
24	Tu	16 10 2	1 19 23	20 27 23	41	4 52	1 S 55	2 32
25	W	16 13 59	2 20 9	20 39 8	4	4 12	7 6	2 35
26	Th	16 17 56	3 20 57	20 51 23	44	3 15	11 53	2 39
27	F	16 21 52	4 21 46	21 2 7	m 23	2 6	15 53	2 42
28	S	16 25 49	5 22 37	21 13 21	59	0 48	19 3	2 45
29	S	16 29 45	6 23 29	21 24 6	f 25	0 N 32	20 52	2 50
30	M	16 33 42	7 24 22	21 34 20	35	1 49	21 19	2 53

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 4	23 8 59	3 8 35	8 8 49	28 7	21 8 37	1 47
4	1 5	23 10	2 57	8 9	2 20	22 41	1 37
7	1 6	24 20	2 9	7 22	2 31	23 40	1 28
10	1 7	24 27	1 38	6 59	2 37	24 25	1 18
13	1 8	24 33	0 52	6 37	2 39	24 56	1 9
16	1 9	24 35	0 23	6 30	2 35	25 14	0 59
19	1 9	24 36	0 N 14	6 29	2 23	25 18	0 50
22	1 10	24 39	0 39	6 40	2 1	25 4	0 40
25	1 10	24 29	1 8	6 54	1 28	24 33	0 31
28	1 10	24 21	1 34	7 22	0 41	23 41	0 21

D.	h.	M.	Long.	♂	♀	♂	♀	Mutual Aspts.	Lunar Aspects.						
									☉	☽	♂	♀	♂	♀	♂
1	13	37	4	17	52	18	58	27	11				*		♂
2	12	44	4	18	18	37	13	28	35					♂	*
3	12	51	4	19	19	21	15	43	29	57		*			
4	12	58	4	26	20	6	13	40	1	18	*	*	*		□
5	13	5	4	32	20	51	13	23	39						
6	13	13	4	39	21	35	13	39	3	58	☉♂h	□		♂	*
7	13	26	4	46	22	20	13	40	5	16	☽*h	□	□	*	Δ
8	13	27	4	53	23	5	13	44	6	32		Δ			
9	13	34	5	1	23	50	13	50	7	47		Δ	Δ		□
10	13	41	5	8	24	35	13	59	9	1				□	
11	13	48	5	16	25	20	14	11	10	13				*	Δ
12	13	55	5	23	26	5	14	26	11	22					
13	14	3	5	31	26	51	14	44	12	29		♂		□	♂
14	14	10	5	39	27	36	15	4	13	33			♂		
15	14	17	5	48	28	22	15	25	14	34		♂			
16	14	24	5	56	29	7	15	41	15	32				Δ	
17	14	31	6	5	29	53	16	11	16	26					♂
18	14	38	6	18	0	39	16	36	17	15		Δ		♂	Δ
19	14	46	6	22	1	24	17	2	17	59	♂*h		Δ		□
20	14	53	6	31	2	10	17	31	18	87		Δ	□		
21	15	0	6	40	2	55	18	1	19	9			□	♂	*
22	15	7	6	49	3	41	18	33	19	34		□	*		Δ
23	15	14	6	58	4	26	19	7	19	50				*	
24	15	21	7	7	5	12	19	43	19	58	☽*♀			Δ	□
25	15	28	7	17	5	58	20	21	19	58		*		Δ	□
26	15	35	7	27	6	44	21	0	19	47					♂*
27	15	42	7	37	7	30	21	40	19	25			♂		
28	15	49	7	47	8	16	22	20	18	51				♂	□*
29	15	56	7	57	9	2	23	1	18	11		♂		*	
30	16	3	8	7	9	48	23	44	17	13					*♂

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 30	12 S 3	2 N 7	14 S 39	0 S 46	18 S 57
4	16 15	0 30	12 7	2 7	14 45	0 46	18 49
7	16 16	0 30	12 10	2 8	14 50	0 46	18 40
10	16 16	0 30	12 13	2 8	14 55	0 46	18 31
13	16 16	0 30	12 16	2 8	15 1	0 46	18 23
16	16 16	0 30	12 19	2 8	15 6	0 46	18 12
19	16 17	0 30	12 22	2 9	15 11	0 46	18 2
22	16 17	0 30	12 24	2 9	15 16	0 46	17 52
25	16 17	0 30	12 26	2 9	15 20	0 46	17 41
28	16 17	0 30	12 28	2 9	15 24	0 46	17 30
31	16 17	0 30	12 30	2 9	15 28	0 46	17 19

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	16 37 38	8 25 16	21 S 44	4 W 26	2 N 57	20 S 26	2 M 57
2	W	16 41 35	9 26 12	21 53	17 55	3 53	18 24	3 0
3	Th	16 45 31	10 27 8	22 2	1 M 0	4 36	15 28	3 3
4	F	16 49 28	11 28 5	22 11	13 44	5 3	11 52	3 7
5	S	16 53 25	12 29 3	22 19	26 9	5 16	7 51	3 10
6	S	16 57 21	13 30 1	22 27	8 18	5 14	3 86	3 14
7	M	17 1 17	14 31 1	22 34	20 17	4 58	0 N 43	3 17
8	Tu	17 5 14	15 32 1	22 41	2 9	4 30	4 59	3 20
9	W	17 9 11	16 33 1	22 47	14 0	3 50	9 4	3 23
10	Th	17 13 8	17 34 2	22 53	25 54	3 0	12 49	3 26
11	F	17 17 4	18 35 4	22 58	7 55	2 2	16 5	3 28
12	S	17 21 1	19 36 6	23 3	20 8	0 58	18 43	3 31
13	S	17 24 57	20 37 9	23 8	2 34	0 S 11	20 31	3 34
14	M	17 28 54	21 38 13	23 12	15 15	1 20	21 19	3 36
15	Tu	17 32 50	22 39 17	23 15	28 12	2 26	21 1	3 39
16	W	17 36 46	23 40 22	23 19	11 25	3 26	19 33	3 42
17	Th	17 40 43	24 41 27	23 21	24 52	4 15	16 59	3 45
18	F	17 44 40	25 42 34	23 24	8 32	4 51	13 27	3 48
19	S	17 48 36	26 43 41	23 25	22 22	5 11	9 10	3 51
20	S	17 52 33	27 44 49	23 27	6 W 20	5 12	4 21	3 53
21	M	17 56 29	28 45 55	23 27	20 25	4 55	0 S 43	3 55
22	Tu	18 0 26	29 47 7	23 28	4 33	4 20	5 47	3 57
23	W	18 4 23	0 W 48	23 28	18 44	3 28	10 33	3 59
24	Th	18 8 20	1 49 28	23 27	2 M 56	2 25	14 46	4 2
25	F	18 12 17	2 50 39	23 26	17 6	1 12	18 6	4 5
26	S	18 16 14	3 51 51	23 24	1 12	0 N 5	20 21	4 7
27	S	18 20 11	4 53 8	23 22	15 11	1 20	21 19	4 9
28	M	18 24 7	5 54 15	23 20	29 0	2 30	20 58	4 12
29	Tu	18 28 3	6 55 28	23 17	12 W 35	3 30	19 23	4 14
30	W	18 32 0	7 56 41	23 13	25 34	4 17	16 47	4 16
31	Th	18 35 57	8 57 54	23 10	8 M 54	4 49	18 23	4 18

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 10	24 S 12	1 N 51	7 S 47	0 N 17	22 S 28	0 7 12
4	1 11	24 0	2 9	8 20	1 17	21 1	0 2
7	1 11	23 46	2 23	8 58	2 8	19 36	29 m 53
10	1 11	23 30	2 37	9 40	2 39	18 35	29 43
13	1 11	23 9	2 47	10 23	2 52	18 7	29 34
16	1 11	22 47	2 54	11 12	2 48	18 13	29 24
19	1 11	22 23	3 2	11 58	2 35	18 42	29 15
22	1 11	21 58	3 6	13 0	2 15	19 25	29 5
25	1 10	21 28	3 11	13 36	1 51	20 15	28 56
28	1 10	20 56	3 13	14 29	1 27	21 7	28 46
31	1 9	20 22	3 14	15 16	1 1	21 55	28 37

D M	h	γ	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌
	° /	° /	° /	° /	° /							
1	16 m 9	8 m 18	10 w 35	24 n 28	16 f 8	☉ * ♀		*		♂		
2	16 16	8 28	11 21	25 13	14 R 53			*				
3	16 23	8 39	12 7	25 59	13 35			□	*			
4	16 30	8 49	12 54	26 46	12 15		*		□	♂		□
5	16 36	9 0	13 40	27 34	11 53	☉ ♂ ♀		*				Δ *
6	16 43	9 11	14 26	28 22	9 33	♀ * ♀	□	Δ				□
7	16 49	9 22	15 13	29 11	8 15				Δ		*	
8	16 56	9 33	15 59	0 m 1	7 5							Δ
9	17 2	9 44	16 46	0 52	6 5		Δ			*	□	
10	17 9	9 56	17 33	1 44	5 15	♂ * ♀						
11	17 15	10 7	18 19	2 37	4 35			♂		□	♂	
12	17 22	10 18	19 6	3 31	4 7	♀ ♂ ☿			♂		Δ	
13	17 28	10 30	19 53	4 25	3 50							♂
14	17 34	10 41	20 39	5 20	3 D 43					Δ		
15	17 41	10 53	21 26	6 16	3 46		♂	Δ				
16	17 47	11 5	22 13	7 12	4 0				Δ			Δ
17	17 53	11 17	23 0	8 9	4 22						♂	
18	18 0	11 29	23 47	9 6	4 51			□		♂		□ Δ
19	18 6	11 41	24 34	10 3	5 28		Δ		□			
20	18 12	11 53	25 21	11 1	6 9			*			*	□
21	18 18	12 5	26 8	11 59	6 56	♀ □ ♀			*		Δ	
22	18 24	12 17	26 55	12 58	7 50		□					*
23	18 30	12 30	27 42	13 58	8 49					Δ		
24	18 36	12 42	28 20	14 58	9 50		*	♂			□	
25	18 42	12 55	29 16	15 59	10 52				♂	□	♂	
26	18 48	13 7	0 m 3	17 0	11 58	☉ * ☿					*	
27	18 54	13 20	0 50	18 2	13 8	♀ * ♀				*		♂
28	18 59	13 33	1 37	19 4	14 21	♀ ♂ ♀		*				
29	19 5	13 46	2 24	20 6	15 36		♂					
30	19 10	13 59	3 11	21 9	16 52				*		*	
31	19 16	14 12	3 58	22 12	18 9		□		♂	♂		





RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1808.

(REVISED AND CORRECTED.)



LONDON:
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1883.

Price One Shilling.

(Alm.) 937 x. 160

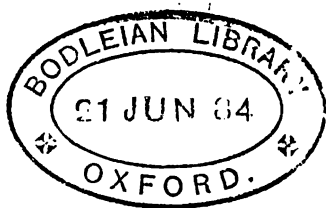
RAPHABL'S
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Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 30	12 S 30	2 N 10	15 S 30	0 S 46	17 S 15
4	16	15	0 30	12 32	2 10	15 34	0 46	17 4
7	16	16	0 30	12 34	2 11	15 37	0 46	16 52
10	16	16	0 30	12 36	2 11	15 41	0 46	16 40
13	16	17	0 30	12 37	2 12	15 44	0 46	16 28
16	16	17	0 30	12 38	2 12	15 47	0 46	16 15
19	16	17	0 30	12 40	2 13	15 49	0 47	16 2
22	16	18	0 30	12 41	2 13	15 52	0 47	15 59
25	16	18	0 30	12 41	2 14	15 54	0 47	15 36
28	16	18	0 30	12 42	2 14	15 56	0 47	15 23
31	16	18	0 30	12 42	2 15	15 58	0 47	15 10

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin. ° ' "	♃ Long. ° ' "
1	F	18 39 54	9 59 59	6 23 S 5	21 5 7	5 N 7	9 S 28	4 20
2	S	18 43 51	11 0 19	23 0 4	2 5 9	5 14	4 22	4 22
3	S	18 47 48	12 1 31	22 55 16	12 4 57	0 53	4 24	4 24
4	M	18 51 44	13 2 43	22 49 28	11 4 32	3 N 27	4 26	4 26
5	Tu	18 55 41	14 3 54	22 43 10	3 3 56	7 36	4 28	4 28
6	W	18 59 37	15 5 5	22 36 21	53 8 10	11 28	4 30	4 30
7	Th	19 3 34	16 6 15	22 29 3	47 2 15	14 54	4 32	4 32
8	F	19 7 31	17 7 25	22 22 15	48 1 14	17 46	4 34	4 34
9	S	19 11 27	18 8 35	22 14 28	4 0 9	19 53	4 36	4 36
10	S	19 15 24	19 9 43	22 5 10	36 0 S 59	21 5	4 38	4 38
11	M	19 19 20	20 10 51	21 57 23	29 2 5	21 18	4 39	4 39
12	Tu	19 23 17	21 11 59	21 47 6	44 3 6	20 12	4 40	4 40
13	W	19 27 13	22 13 5	21 38 20	20 3 58	18 0	4 42	4 42
14	Th	19 31 10	23 14 12	21 28 4	15 4 38	14 43	4 43	4 43
15	F	19 35 6	24 15 18	21 17 18	25 5 0	10 34	4 45	4 45
16	S	19 39 3	25 16 24	21 6 2	44 5 5	5 46	4 46	4 46
17	S	19 43 0	26 17 29	20 55 17	6 4 50	0 39	4 47	4 47
18	M	19 46 56	27 18 34	20 43 1	27 4 17	4 S 30	4 48	4 48
19	Tu	19 50 53	28 19 38	20 31 15	42 3 29	9 24	4 49	4 49
20	W	19 54 49	29 20 43	20 18 29	50 2 28	13 44	4 50	4 50
21	Th	19 58 46	0 21 46	20 6 13	49 1 19	17 15	4 51	4 51
22	F	20 2 42	1 22 50	19 52 27	39 0 5	19 44	4 51	4 51
23	S	20 6 39	2 23 52	19 39 11	2 1 N 7	21 3	4 52	4 52
24	S	20 10 35	3 24 54	19 25 24	52 2 15	21 7	4 53	4 53
25	M	20 14 32	4 25 56	19 10 8	14 3 14	19 59	4 54	4 54
26	Tu	20 18 29	5 26 56	18 56 21	25 4 2	17 46	4 54	4 54
27	W	20 22 25	6 27 56	18 40 4	25 4 87	14 42	4 55	4 55
28	Th	20 26 22	7 28 55	18 25 17	14 4 57	10 59	4 56	4 56
29	F	20 30 18	8 29 52	18 9 29	45 5 1	6 52	4 57	4 57
30	S	20 34 15	9 30 49	17 53 12	4 4 52	2 32	4 58	4 58
31	S	20 38 11	10 31 44	17 37 24	11 4 30	1 N 49	4 58	4 58

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 9	20 S 13	3 N 13	15 S 29	0 N 53	22 S 10	28 m 33
4	1 9	19 37	3 12	16 16	0 28	22 50	28 23
7	1 8	18 59	3 9	17 1	0 5	23 22	28 14
10	1 8	18 19	3 5	17 30	0 S 18	23 45	28 4
13	1 7	17 39	3 0	18 25	0 39	23 57	27 55
16	1 6	16 55	2 54	19 3	0 58	23 58	27 45
19	1 5	16 11	2 48	19 36	1 16	23 48	27 36
22	1 4	15 24	2 40	20 3	1 31	23 25	27 26
25	1 3	14 37	2 32	20 33	1 43	22 50	27 17
28	1 3	13 49	2 24	20 52	1 53	22 1	27 7
31	1 2	12 56	2 16	21 7	2 0	21 0	26 58

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	19 m 21	14 m 25	4 m 46	23 m 15	19 f 27				□			□	*	
2	19 27 14	38 5	33 24	19 20 47				Δ						
3	19 32 14	51 6	20 25	23 22 8			*		Δ					
4	19 37 15	5 7	8 26	28 23 31								Δ	□	
5	19 42 15	18 7	55 27	32 24 55			□			*	*			
6	19 47 15	31 8	42 28	36 26 19										Δ
7	19 52 15	45 9	30 29	41 27 44				♈						
8	19 57 15	58 10	17 0 f 46	29 10			Δ		♈	□	□	♈		
9	20 2 16	12 11	4 1 52	0 v 37									♈	
10	20 7 16	25 11	52 2	58 2 4						Δ	Δ			
11	20 12 16	39 12	39 4	4 3 32	☉ * h									
12	20 17 16	52 13	26 5	10 5 1	☿ * h			Δ						♈
13	20 21 17	6 14	14 6	16 6 30			♈		Δ					
14	20 26 17	19 15	1 7	23 8 0				□					Δ	
15	20 30 17	33 15	48 8	30 9 30					□	♈	♈			
16	20 34 17	47 16	36 9	38 11 1				*				□		
17	20 39 18	1 17	23 10	45 12 33					*					Δ
18	20 43 18	15 18	10 11	52 14 5	♈ ☉ ♋		Δ							
19	20 47 18	29 18	58 13	0 15 37						Δ	Δ	*	□	
20	20 51 18	43 19	45 14	8 17 10			□	♈						
21	20 55 18	57 20	33 15	16 18 44	♈ ☉ h									*
22	20 59 19	11 21	20 16	24 20 18			*		♈	□	□			
23	21 2 19	25 22	8 17	32 21 53	☿ * h						*	*	♈	
24	21 6 19	39 22	55 18	40 23 28							*	*	♈	
25	21 9 19	53 23	43 19	49 25 4	☉ ☉ h		*							
26	21 13 20	7 24	30 20	58 26 41	☿ * ♋		♈	□	*					♈
27	21 16 20	21 25	18 22	7 28 19										
28	21 19 20	35 26	5 23	16 29 58					□	♈				
29	21 23 20	50 26	53 24	26 1 m 37				Δ			♈	*		
30	21 26 21	4 27	40 25	35 3 17										
31	21 29 21	18 28	28 26	44 4 57	☿ ☉ h			Δ				□		

FEBRUARY XXIX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	0 N 31	12 S 43	2 N 15	15 S 59	0 S 47	15 S 4
4	16	15	0 31	12 43	2 16	16 1	0 47	14 51
7	16	14	0 31	12 43	2 17	16 2	0 47	14 37
10	16	14	0 31	12 43	2 17	16 3	0 47	14 22
13	16	13	0 31	12 43	2 18	16 4	0 48	14 8
16	16	12	0 31	12 42	2 18	16 5	0 48	13 54
19	16	11	0 31	12 42	2 19	16 5	0 48	13 40
22	16	11	0 31	12 42	2 19	16 5	0 48	13 26
25	16	10	0 31	12 41	2 20	16 5	0 49	13 11
28	16	10	0 31	12 40	2 20	16 4	0 49	12 56

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		☽ Long.		☽ Lat.		☽ Declin		♂ Long.
		H.	M.	S.	°	'	"	°	'	°	'	°	'	
1	M	20	42	8	11	32	38	17	S 20	6	r 8	3 N 56	6 N 3	4 m 59
2	Tu	20	46	4	12	33	30	17	3 17	58	3	12 10	0	4 59
3	W	20	50	1	13	34	21	16	46 29	46	2	20 13	35	4 59
4	Th	20	53	58	14	35	11	16	28 11	38	1	21 16	37	4 59
5	F	20	57	54	15	35	59	16	10 23	37	0	18 19	0	5 0
6	S	21	1	51	16	36	45	15	52	50	0	8 46	20	32
7	S	21	5	47	17	37	30	15	34 18	23	1	50 21	7	5 0
8	M	21	9	44	18	38	13	15	15 15	19	2	51 20	37	5 0
9	Tu	21	13	40	19	38	54	14	56 14	41	3	44 18	57	5 0
10	W	21	17	37	20	39	34	14	37 28	30	4	25 16	9	5 0
11	Th	21	21	33	21	40	13	14	18 12	24	4	52 12	20	5 0
12	F	21	25	30	22	40	50	13	58 27	17	5	0 7	43	5 0
13	S	21	29	27	23	41	25	13	38 12	m 4	4	49 2	35	5 B
14	S	21	33	23	24	41	59	13	18 26	54	4	18 28	43	5 0
15	M	21	37	20	25	42	32	12	58 11	39	3	30 7	50	5 0
16	Tu	21	41	16	26	43	3	12	37 26	14	2	29 12	27	5 0
17	W	21	45	13	27	43	33	12	16 10	m 33	1	19 16	15	4 58
18	Th	21	49	9	28	44	2	11	56 24	35	0	6 19	2	4 58
19	F	21	53	6	29	44	30	11	34 8	r 19	1	N 6	20	37
20	S	21	57	2	0	44	56	11	13 21	48	2	13 20	59	4 58
21	S	22	0	59	1	45	21	10	52	5 w 2	3	12 20	10	4 58
22	M	22	4	56	2	45	44	10	30 18	3	3	59 18	17	4 58
23	Tu	22	8	52	3	46	6	10	8 0	m 53	4	34 15	31	4 58
24	W	22	12	49	4	46	26	9	46 13	32	4	54 12	4	4 58
25	Th	22	16	45	5	46	45	9	24 26	1	5	0 8	2	4 58
26	F	22	20	42	6	47	2	9	2 8	x 19	4	52 3	56	4 4
27	S	22	24	38	7	47	17	8	39 20	28	4	81 0	N 22	4 5
28	S	22	28	35	8	47	31	8	17 2	r 29	3	57 4	37	4 5
29	M	22	32	31	9	47	42	7	54 14	22	3	14 8	39	4 5

1808.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

5

FEBRUARY XXIX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 1	12 S 42	2 N 11	21 S 16	2 S 2	20 S 36	26 m 55
4	1 0	11 50	2 2	21 25	2 5	19 16	26 45
7	0 59	10 59	1 50	21 32	2 4	17 43	26 36
10	0 58	10 4	1 39	21 30	1 58	15 56	26 26
13	0 57	9 11	1 28	21 28	1 48	13 56	26 17
16	0 55	8 16	1 17	21 18	1 33	11 44	26 7
19	0 54	7 21	1 6	21 1	1 12	9 20	25 58
22	0 52	6 24	0 54	20 38	0 46	6 49	25 48
25	0 51	5 29	0 44	20 13	0 13	4 13	25 39
28	0 50	4 33	0 35	19 40	0 N 24	1 40	25 29

D M	\hbar Long.	μ Long.	δ Long.	ζ Long.	φ Long.	Mutual Aspts.	Lunar Aspects.						
	° ' "	° ' "	° ' "	° ' "	° ' "		☉	☿	♈	♊	♋	♌	♍
1	21 m 32	21 m 33	29 m 15	27 f 54	6 m 38	$\mu \square \hbar$							*
2	21 35	21 47	0 x 22	9 4	8 20		*			*			
3	21 34	22 1	0 49	0 w 14	10 2			δ			*	Δ	
4	21 40	22 15	1 37	1 24	11 45		\square			δ	\square		\square
5	21 43	22 30	2 24	2 34	13 29	$\varphi * \delta$			δ	\square			
6	21 46	22 44	3 11	3 44	15 14						\square		Δ
7	21 48	22 59	3 59	4 54	16 59	$\varphi * \mu$	Δ			Δ			
8	21 51	23 13	4 46	6 4	18 45	$\odot \delta \varphi$		Δ			Δ	δ	
9	21 53	23 28	5 33	7 15	20 32	$\delta \Delta \mu$							
10	21 55	23 42	6 21	8 25	22 21	$\varphi \square \hbar$		\square	Δ				
11	21 57	23 57	7 8	9 36	24 10	$\odot \square \hbar$							
12	21 59	24 11	7 55	10 46	25 59	$\varphi \odot \mu$	δ	*		\square	δ		δ
13	22 1	24 26	8 42	11 57	27 48			*		*		δ	Δ
14	22 3	24 40	9 29	13 8	29 38	$\odot \odot \mu$			*				
15	22 4	24 54	10 16	14 19	1 x 29							\square	
16	22 6	25 9	11 4	15 30	3 21		Δ				Δ	*	Δ
17	22 7	25 23	11 51	16 41	5 12	$\varphi \Delta \mu$		\odot			Δ	*	Δ
18	22 8	25 37	12 38	17 52	7 4		\square		\odot	\square			
19	22 9	25 52	13 25	19 3	8 56						\square		\square
20	22 10	26 6	14 12	20 14	10 47					*			
21	22 11	26 21	15 59	21 25	12 38		*					*	*
22	22 12	26 35	16 47	22 37	14 29	$\varphi * \hbar$		*	*		*	\odot	*
23	22 13	26 50	17 34	23 48	16 19	$\varphi \odot \delta$					*		
24	22 14	27 4	18 21	24 59	18 7	$\odot \Delta \mu$		\square		\odot			
25	22 14	27 19	18 6	26 11	19 52				\square	\odot			
26	22 15	27 33	18 55	27 22	21 35	$\varphi \Delta \hbar$	\odot	Δ				\odot	\odot
27	22 15	27 47	19 42	28 34	23 16				Δ		\odot		\odot
28	22 15	28 1	20 29	29 46	24 54							*	
29	22 16	28 15	21 16	0 m 58	26 29								

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 31	12 S 39	2 N 21	16 S 4	0 S 49	12 S 46
4	16	9	0 31	12 38	2 21	16 3	0 49	12 31
7	16	8	0 31	12 36	2 22	16 3	0 50	12 17
10	16	8	0 31	12 34	2 22	16 2	0 50	12 2
13	16	7	0 31	12 33	2 24	16 1	0 50	11 48
16	16	6	0 31	12 31	2 24	15 59	0 50	11 34
19	16	5	0 31	12 29	2 25	15 57	0 51	11 19
22	16	4	0 31	12 28	2 25	15 55	0 51	11 4
25	16	3	0 31	12 26	2 26	15 53	0 52	10 50
28	16	3	0 31	12 24	2 26	15 51	0 52	10 35
31	16	2	0 31	12 21	2 26	15 48	0 52	10 20

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	Tu	22 36 25	10 47 51	7 S 31	26 10	2 N 22	12 N 19	4 49
2	W	22 40 25	11 47 59	7 9	7 57	1 24	15 30	4 48
3	Th	22 44 21	12 48 4	6 46	19 47	0 22	18 3	4 47
4	F	22 48 18	13 48 7	6 23	1 44	0 S 41	19 51	4 46
5	S	22 52 14	14 48 7	5 59	13 54	1 44	20 46	4 45
6	S	23 56 11	15 48 6	5 36	26 23	2 44	20 41	4 44
7	M	23 0 7	16 48 2	5 13	9 514	3 37	19 32	4 42
8	Tu	23 4 4	17 47 56	4 50	22 84	4 20	17 18	4 41
9	W	23 8 0	18 47 47	4 26	6 23	4 50	14 1	4 39
10	Th	23 11 57	19 47 37	4 32	20 40	5 3	9 49	4 37
11	F	23 15 54	20 47 25	3 39	5 23	4 57	4 56	4 35
12	S	23 19 50	21 47 10	3 16	20 24	4 31	0 S 21	4 33
13	S	23 23 47	22 46 53	2 52	5 34	3 45	5 39	4 31
14	M	23 27 43	23 46 35	2 28	20 41	2 44	10 37	4 29
15	Tu	23 31 40	24 46 15	2 5	5 37	1 31	14 51	4 27
16	W	23 35 36	25 45 53	1 41	20 16	0 14	18 4	4 26
17	Th	23 39 33	26 45 29	1 17	4 32	1 N 22	20 3	4 24
18	F	23 43 29	27 45 3	0 54	18 24	2 12	20 45	4 22
19	S	23 47 26	28 44 36	0 30	1 54	3 13	20 13	4 20
20	S	23 51 23	29 44 6	0 6	15 3	4 3	18 35	4 18
21	M	23 55 19	0 43 36	0 N 17	27 55	4 38	16 3	4 17
22	Tu	23 59 16	1 43 3	0 41	10 31	5 0	12 48	4 15
23	W	0 3 12	2 42 29	1 52	22 55	5 7	9 3	4 13
24	Th	0 7 9	3 41 53	1 28	5 9	4 59	4 59	4 11
25	F	0 11 5	4 41 15	1 52	17 15	4 39	0 46	4 9
26	S	0 15 2	5 40 35	2 15	29 14	4 6	3 N 27	4 7
27	S	0 18 58	6 39 52	2 39	11 7	3 22	7 30	4 5
28	M	0 22 55	7 39 8	3 22	56	2 30	11 15	4 3
29	Tu	0 26 52	8 38 22	3 26	4 44	1 32	14 83	4 1
30	W	0 30 48	9 37 34	3 49	16 32	0 29	17 16	3 59
31	Th	0 34 45	10 36 43	4 12	28 23	0 S 35	19 15	3 56

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 49	38 55	0 N 25	19 S 17	0 N 51	08 3	25 m 23
4	0 47	2 58	0 15	18 34	1 32	2 N 9	25 13
7	0 46	2 1	0 4	17 52	2 13	3 57	25 4
10	0 44	1 4	08 6	17 0	2 49	5 11	24 54
13	0 43	0 7	0 16	16 8	3 16	5 47	24 45
16	0 41	0 N 50	0 26	15 8	3 31	5 42	24 35
19	0 39	1 46	0 35	14 8	3 30	4 58	24 26
22	0 38	2 42	0 44	13 0	3 15	3 46	24 16
25	0 36	3 39	0 51	11 54	2 40	2 13	24 7
28	0 35	4 36	0 58	10 40	1 58	0 38	23 57
31	0 33	5 30	1 4	9 17	1 11	08 45	23 48

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	♂	h	♂	♀	♀
	° /	° /	° /	° /	° /	° /							
1	22 m 16	28 m 30	22 x 2	2 m 10	27 x 57	♂ Δ h		*	♂		*		
2	22 R 16	28 44	22 48	3 22	29 20	♀ □ h				♂		□	
3	22 16	28 58	23 35	4 34	0 r 38	♀ □ h				♂		*	Δ *
4	22 15	29 12	24 21	5 46	1 52			□			□		Δ *
5	22 15	29 26	25 8	6 58	2 59			□					
6	22 15	29 40	25 54	8 10	3 58						Δ	□	
7	22 14	29 55	26 42	9 22	4 48			Δ		Δ			□
8	22 14	0 x 9	27 29	10 34	5 38			Δ		Δ		Δ	Δ
9	22 13	0 23	28 15	11 46	6 20			□				Δ	Δ
10	22 12	0 37	29 2	12 58	6 33					□			
11	22 11	0 51	29 48	14 10	6 58								
12	22 10	1 5	0 r 85	15 22	7 R 1	☉ Δ h		♂	*	*	♂	♂	
13	22 9	1 19	1 21	16 35	7 0								♂
14	22 8	1 33	2 7	17 47	6 52							Δ	
15	22 6	1 47	2 53	18 59	6 37			♂		Δ			
16	22 5	2 1	3 40	20 12	6 14			Δ		♂		□	Δ
17	22 3	2 15	4 26	21 24	5 41	♀ ♂ h					□	Δ	Δ
18	22 2	2 29	5 13	22 36	5 8	♀ □ h						*	
19	22 0	2 42	5 59	23 49	4 26			□	*		*	□	□
20	21 58	2 56	6 45	25 1	3 40								
21	21 56	3 9	7 31	26 14	2 51			*	*			*	*
22	21 54	3 23	8 17	27 26	2 0	☉ ♂ h			□			*	♂
23	21 52	3 36	9 3	28 39	1 8					□			
24	21 50	3 50	9 49	29 51	0 16				Δ	♂			
25	21 48	4 3	10 35	1 x 4	29 x 23	h Δ h				Δ			
26	21 46	4 17	11 21	2 16	28 32								♂
27	21 43	4 30	12 7	3 29	27 46			♂				♂	♂
28	21 41	4 43	12 53	4 41	27 4	♀ ♂ h							
29	21 38	4 56	13 39	5 54	26 25				♂		*	*	
30	21 35	5 9	14 25	7 6	25 51					♂			*
31	21 32	5 22	15 11	8 19	25 22								*

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 31	12 S 19	2 N 27	15 S 47	0 S 53	10 S 17
4	16	0	0 31	12 17	2 27	15 45	0 53	10 4
7	15	59	0 31	12 14	2 28	15 42	0 54	9 50
10	15	58	0 31	12 11	2 28	15 39	0 54	9 36
13	15	58	0 31	12 9	2 28	15 36	0 55	9 23
16	15	57	0 31	12 7	2 28	15 32	0 55	9 10
19	15	56	0 31	12 5	2 29	15 29	0 56	8 57
22	15	56	0 31	12 2	2 29	15 23	0 56	8 44
25	15	55	0 31	12 0	2 29	15 22	0 57	8 32
28	15	54	0 31	11 58	2 29	15 19	0 57	8 20

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	0 38 41	11 35 49	4 N 85	10 23	1 S 39	20 N 24	3 53
2	S	0 42 38	12 34 54	4 59	22 33	2 39	20 36	3 51
3	S	0 46 34	13 33 56	5 21	5 0	3 33	19 49	3 48
4	M	0 50 31	14 32 56	5 44	17 48	4 19	18 0	3 46
5	Tu	0 54 27	15 31 54	6 7	1 1	4 52	15 12	3 43
6	W	0 58 24	16 30 49	6 30	14 42	5 10	11 30	3 41
7	Th	1 2 21	17 29 42	6 52	28 51	5 10	7 2	3 38
8	F	1 6 17	18 28 32	7 15	13 28	4 50	2 2	3 36
9	S	1 10 14	19 27 21	7 39	28 26	4 11	3 S 18	3 33
10	S	1 14 10	20 26 7	7 59	13 38	3 13	8 21	3 31
11	M	1 18 7	21 24 52	8 21	28 53	2 12	59	3 29
12	Tu	1 22 3	22 23 34	8 43	14 3	0 41	16 43	3 26
13	W	1 26 0	23 22 15	9 5	28 56	0 N 41	19 17	3 24
14	Th	1 29 56	24 20 54	9 27	13 28	1 58	20 29	3 21
15	F	1 33 53	25 19 31	9 48	27 34	3 5	20 21	3 19
16	S	1 37 50	26 18 6	10 10	11 14	4 0	19 0	3 16
17	S	1 41 46	27 16 40	10 31	24 28	4 41	16 39	3 14
18	M	1 45 43	28 15 12	10 52	7 20	5 5	13 32	3 11
19	Tu	1 49 39	29 13 43	11 13	19 53	5 15	9 53	3 9
20	W	1 53 36	30 12 12	11 33	2 11	5 10	5 53	3 6
21	Th	1 57 32	1 10 40	11 54	14 16	4 51	1 43	3 4
22	F	2 1 29	2 9 6	12 14	26 14	4 19	2 N 28	3 1
23	S	2 5 25	3 7 30	12 34	8 5	3 37	6 32	2 59
24	S	2 9 22	4 5 52	12 54	19 54	2 45	10 20	2 57
25	M	2 13 18	5 4 13	13 13	1 42	1 46	13 45	2 54
26	Tu	2 17 15	6 2 32	13 33	13 31	0 43	16 36	2 52
27	W	2 21 12	7 0 49	13 52	25 24	0 S 23	18 46	2 49
28	Th	2 25 8	7 59 4	14 11	7 23	1 28	20 7	2 46
29	F	2 29 5	8 57 18	14 30	19 30	2 30	20 33	2 44
30	S	2 33 1	9 55 29	14 48	1 49	3 26	20 1	2 42

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 S 32	5 N 47	1 S 7	9 S 3	0 N 55	1 S 9	23 m 44
4	0 30	6 40	1 13	7 43	0 8	2 7	23 34
7	0 28	7 34	1 19	6 25	0 S 34	2 42	23 25
10	0 26	8 25	1 24	5 3	1 12	2 54	23 15
13	0 24	9 18	1 28	3 41	1 44	2 45	23 6
16	0 23	10 13	1 31	2 16	2 9	2 16	22 56
19	0 21	10 59	1 34	0 53	2 29	1 29	22 47
22	0 19	11 47	1 36	0 N 33	2 42	0 26	22 37
25	0 17	12 35	1 37	1 57	2 50	0 N 50	22 28
28	0 15	13 22	1 38	3 31	2 52	2 19	22 18

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	
	° /	° /	° /	° /	° /								
1	21 m 29	5 x 35	15 r 56	9 x 32	24 x 58		*				*	□	
2	21 R 26	5 48	16 42	10 44	24 R 38								□
3	21 23	6 1	17 27	11 57	24 26			Δ		Δ			
4	21 20	6 14	18 13	13 10	24 21		□		Δ		□	Δ	Δ
5	21 17	6 27	18 58	14 23	24 D 21			□					
6	21 14	6 40	19 44	15 36	24 25		Δ		□		Δ		
7	21 10	6 52	20 29	16 49	24 32			*					
8	21 7	7 5	21 14	18 1	24 44						♊		♊
9	21 4	7 17	21 59	19 14	25 3				*				♊
10	21 0	7 30	22 44	20 27	25 28		♊						
11	20 57	7 42	23 29	21 30	25 57	♀ Δ h		♈			♊		
12	20 54	7 55	24 14	22 53	26 29			♈		♈	Δ		
13	20 50	8 7	24 59	24 6	27 5							Δ	Δ
14	20 46	8 19	25 44	25 18	27 45					□			
15	20 42	8 31	26 29	26 31	28 29		Δ	*			Δ	□	□
16	20 38	8 43	27 14	27 44	29 17					*			
17	20 34	8 55	27 59	28 56	0 r 8		□		*		□	*	
18	20 30	9 7	28 44	0 r 9	1 2				□				*
19	20 26	9 18	29 29	1 22	1 59					□			
20	20 22	9 30	0 h 14	2 35	2 59	☉ ☉ ♂	*	Δ			*		
21	20 18	9 41	0 59	3 48	4 2						♈		
22	20 14	9 53	1 43	5 1	5 8					Δ			
23	20 10	10 4	2 28	6 14	6 16	♀ ☉ ♀							♈
24	20 6	10 16	3 13	7 27	7 26	☉ ♂ ☿	☿	☿	☿				♈
25	20 1	10 27	3 57	8 40	8 39	♈ ♂ ☿	♈	♈	♈	♈		♈	
26	19 57	10 38	4 42	9 53	9 54				♈	*			
27	19 53	10 49	5 26	11 6	11 12								
28	19 48	11 0	6 10	12 19	12 33					□		*	*
29	19 44	11 11	6 54	13 32	13 55								
30	19 40	11 22	7 38	14 45	15 18		Δ			*			

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° /	° /	° /	° /	° /	° /
1	15 54	0 N 31	11 8 55	2 N 29	15 8 15	0 8 58	8 8 8
4	15 54	0 81	11 52	2 29	15 11	0 58	7 57
7	15 53	0 81	11 49	2 29	15 8	0 59	7 46
10	15 52	0 81	11 46	2 29	15 5	1 0	7 36
13	15 51	0 81	11 44	2 29	15 1	1 1	7 26
16	15 51	0 81	11 42	2 29	14 58	1 1	7 16
19	15 50	0 81	11 40	2 28	14 54	1 2	7 7
22	15 50	0 81	11 39	2 28	14 51	1 3	6 58
25	15 49	0 81	11 36	2 28	14 48	1 4	6 49
28	15 49	0 81	11 34	2 28	14 45	1 4	6 40
31	15 48	0 81	11 33	2 28	14 42	1 5	6 38

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	S	2 36 58	10 5 53 38	15 N 6	14 55 22	4 8 14	18 N 29	2 m 39
2	M	2 40 54	11 51 46	15 24 27	12 4 50	16 0	2 R 37	
3	Tu	2 44 51	12 49 51	15 42 10	23 5 12	12 39	2 34	
4	W	2 48 47	13 47 54	16 0 23	57 5 17	8 33	2 32	
5	Th	2 52 44	14 45 56	16 17 7	m 55 5 5	3 54	2 30	
6	F	2 56 41	15 43 55	16 34 22	16 4 33	1 8 6	2 27	
7	S	3 0 37	16 41 53	16 51 6	59 8 42	6 11	2 25	
8	S	3 4 34	17 39 49	17 7 21	57 2 36	10 59	2 22	
9	M	3 8 30	18 37 44	17 23 7	m 3 1 19	15 7	2 19	
10	Tu	3 12 27	19 35 36	17 39 22	9 0 N 4	18 15	2 17	
11	W	3 16 23	20 33 28	17 54 7	f 5 1 26	20 5	2 14	
12	Th	3 20 20	21 31 17	18 10 21	48 2 41	20 31	2 12	
13	F	3 24 16	22 29 6	18 24 5	v 59 3 44	19 36	2 9	
14	S	3 28 13	23 26 53	18 39 19	48 4 31	17 32	2 7	
15	S	3 32 10	24 24 39	18 58 3	m 11 5 2	14 34	2 4	
16	M	3 36 6	25 22 24	19 7 16	8 5 17	10 58	2 2	
17	Tu	3 40 3	26 20 8	19 21 28	44 5 15	6 59	2 0	
18	W	3 43 59	27 17 52	19 34 11	x 1 4 59	2 49	1 58	
19	Th	3 47 56	28 15 38	19 47 23	5 4 31	1 N 23	1 56	
20	F	3 51 52	29 13 14	20 0 4	r 59 3 50	5 30	1 54	
21	S	3 55 49	0 10 54	20 12 16	48 3 1	9 23	1 52	
22	S	3 59 46	1 8 33	20 24 28	35 2 3	12 54	1 50	
23	M	4 3 42	2 6 11	20 36 10	24 1 1	15 56	1 48	
24	Tu	4 7 39	3 3 48	20 47 22	16 0 8	5 18	1 46	
25	W	4 11 35	4 1 24	20 58 4	20 1 1	11 52	1 44	
26	Th	4 15 32	4 58 58	21 9 16	31 2 15	20 32	1 42	
27	F	4 19 28	5 56 32	21 19 28	52 3 13	20 14	1 40	
28	S	4 23 25	6 54 4	21 29 11	26 4 3	18 56	1 38	
29	S	4 27 21	7 51 35	21 38 24	13 4 41	16 40	1 36	
30	M	4 31 18	8 49 4	21 47 7	14 5 7	13 32	1 34	
31	Tu	4 35 15	9 46 33	21 56 20	32 5 16	9 40	1 32	

1808.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

11

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 13	14 N 6	18 38	4 N 41	28 49	3 N 59	22 m 9
4	0 11	14 49	1 37	6 21	2 41	5 48	21 59
7	0 9	15 32	1 36	7 38	2 28	7 47	21 50
10	0 7	16 12	1 34	8 55	2 11	9 52	21 40
13	0 5	16 53	1 32	10 15	1 49	12 2	21 31
16	0 3	17 30	1 29	11 31	1 23	14 14	21 21
19	0 1	18 7	1 25	12 48	0 54	16 27	21 12
22	0 0	18 42	1 21	14 0	0 22	18 35	21 2
25	0 N 2	19 16	1 17	15 11	0 N 9	20 33	20 53
28	0 4	20 46	1 11	16 16	0 40	22 16	20 43
31	0 6	21 16	1 6	17 26	1 8	23 39	20 34

D M	h	♂	♂	♀	♀	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	19 m 35	11 x 32	8 x 22	15 r 58	16 r 45		*		Δ	Δ	*	□	□
2	19 31	11 43	9 6	17 11	18 11	☉ * ♀	□						
3	19 26	11 53	9 50	18 24	19 41		□					□	Δ
4	19 22	12 3	10 34	19 37	21 16		Δ	*		♂	Δ		Δ
5	19 17	12 13	11 18	20 50	22 52		Δ	*		♂	Δ		
6	19 13	12 23	12 22	22 3	24 28				*				
7	19 8	12 33	12 46	23 16	26 5	♂ * ♀							
8	19 4	12 43	13 30	24 29	27 45							♂	♂
9	18 59	12 52	14 14	25 42	29 27	☉ ♂ ♈	♂	♂		Δ	♂		
10	18 55	13 2	14 58	26 55	1 x 12		♂	♂					
11	18 50	13 11	15 41	28 8	2 58	♀ ♂ ♈				□			
12	18 46	13 21	16 25	29 21	4 46								
13	18 41	13 30	17 8	0 x 34	6 37			*				Δ	Δ
14	18 37	13 39	17 52	1 47	8 30		Δ		*	*	Δ		
15	18 32	13 48	18 35	3 0	10 24	♀ ♂ ♈		□				□	
16	18 28	13 57	19 19	4 13	12 20	♂ ♂ ♈				□		□	□
17	18 24	14 6	20 2	5 26	14 18	♀ * ♀	□	Δ					
18	18 19	14 15	20 45	6 39	16 18					♂		*	
19	18 15	14 23	21 28	7 52	18 20	♀ ♂ ♈	*		Δ		*	*	*
20	18 11	14 31	22 12	9 5	20 24								
21	18 7	14 39	22 55	10 18	22 29	♀ ♂ ♈			♂				
22	18 2	14 47	23 38	11 31	24 36				♂				
23	17 58	14 55	24 21	12 44	26 44					*		♂	
24	17 54	15 3	25 4	13 57	28 54				♂			♂	
25	17 49	15 11	25 47	15 11	1 x 5	♀ * ♀	♂						♂
26	17 45	15 18	26 30	16 24	3 20	♀ ♂ ♈					□		
27	17 41	15 25	27 13	17 37	5 27	☉ ♂ ♈		Δ					
28	17 37	15 32	27 56	18 50	7 39					Δ	Δ		
29	17 33	15 39	28 39	20 3	9 51							*	*
30	17 29	15 46	29 21	21 16	12 3		*	□					*
31	17 25	15 53	0 x 4	22 29	14 14				□			□	

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 31	11 S 32	2 N 27	14 S 41	1 S 6	6 S 32
4	15	48	0 31	11 30	2 27	14 39	1 6	6 26
7	15	47	0 31	11 28	2 26	14 36	1 7	6 20
10	15	47	0 31	11 26	2 26	14 33	1 8	6 15
13	15	46	0 30	11 25	2 25	14 31	1 9	6 10
16	15	46	0 30	11 24	2 24	14 29	1 9	6 6
19	15	46	0 30	11 23	2 23	14 27	1 10	6 2
22	15	46	0 30	11 23	2 23	14 25	1 11	5 59
25	15	46	0 30	11 22	2 22	14 24	1 12	5 56
28	15	45	0 30	11 22	2 22	14 23	1 12	5 54

D M	D W	Sideres' Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	4 39 11	10 11 44	0 23 N 5	4 47 7	5 S 8	5 N 14	1 30
2	Th	4 43 8	11 41 25	22 12	17 58	4 42 0	26	1 28
3	F	4 47 4	12 36 50	22 20	2 7	3 59	4 S 30	1 27
4	S	4 51 1	13 36 13	22 27	16 31	3 0 9	16	1 25
5	S	4 54 57	14 33 36	22 34	1 8	1 49	13 35	1 23
6	M	4 58 54	15 30 57	22 40	15 54	0 30	17 5	1 21
7	Tu	5 2 50	16 28 17	22 46	0 41	0 N 52	19 28	1 20
8	W	5 6 47	17 25 37	22 52	15 23	2 9	20 31	1 18
9	Th	5 10 44	18 22 55	22 57	29 54	3 17	20 11	1 17
10	F	5 14 40	19 20 14	23 2	14 7	4 11	18 33	1 15
11	S	5 18 37	20 17 31	23 6	27 58	4 48	15 52	1 14
12	S	5 22 33	21 14 48	23 10	11 24	5 9	12 25	1 13
13	M	5 26 30	22 12 5	23 14	24 25	5 13	8 28	1 11
14	Tu	5 30 26	23 9 21	23 17	7 4	5 1 4	16	1 10
15	W	5 34 23	24 6 37	23 20	19 23	4 36	0 N 1	1 9
16	Th	5 38 19	25 3 53	23 22	1 28	3 58	4 13	1 8
17	F	5 42 16	26 1 9	23 24	13 22	3 11	8 13	1 7
18	S	5 46 13	26 58 24	23 26	25 11	2 16	11 52	1 6
19	S	5 50 9	27 55 40	23 27	6 59	1 16	15 3	1 5
20	M	5 54 6	28 52 55	23 27	18 52	0 11	17 38	1 4
21	Tu	5 58 2	29 50 10	23 28	0 52	0 S 54	19 29	1 3
22	W	6 1 59	0 47 25	23 28	13 4	1 57	20 27	1 2
23	Th	6 5 55	1 44 39	23 27	25 23	2 56	20 27	1 1
24	F	6 9 52	2 41 54	23 26	8 7	3 48	19 25	1 1
25	S	6 13 48	3 39 8	23 25	21 1	4 29	17 23	1 0
26	S	6 17 45	4 36 21	23 23	4 10	4 56	14 26	0 59
27	M	6 21 42	5 33 35	23 21	17 31	5 8	10 42	0 59
28	Tu	6 25 38	6 30 48	23 18	1 5	5 3	6 23	0 58
29	W	6 29 35	7 28 1	23 16	14 50	4 40	1 40	0 57
30	Th	6 33 31	8 25 13	23 12	28 45	4 2	3 S 12	0 57

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 7	20 N 27	1 S 4	17 N 41	1 N 16	24 N 2	20 m 30
4	0 9	20 54	0 58	18 38	1 37	24 53	20 20
7	0 11	21 20	0 52	19 32	1 52	25 19	20 11
10	0 13	21 45	0 46	20 18	2 0	25 23	20 1
13	0 14	22 5	0 39	21 5	2 2	25 5	19 52
16	0 16	23 25	0 32	21 55	1 57	24 30	19 42
19	0 18	22 44	0 25	22 17	1 45	23 41	19 33
22	0 20	22 59	0 18	22 46	1 28	22 41	19 23
25	0 22	23 14	0 10	23 6	1 6	21 32	19 14
28	0 24	23 29	0 3	23 23	0 38	20 19	19 4

D M	♂		♀		♀	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♀
	°	'	°	'	°		°	'	°	'	°	'	°
1	17 m 21	16 x 0	0 p 46	23 s 43	16 p 25			*		□			
2	17 B 17	16 6	1 29	24 56	18 35		□		*	♂			□
3	17 13	16 12	2 11	26 9	20 43					Δ	Δ		
4	17 9	16 18	2 53	27 23	22 48		Δ						Δ
5	17 5	16 24	3 36	28 36	24 52			♂					
6	17 1	16 30	4 18	29 49	26 55				♂	Δ			
7	16 58	16 36	5 0	1 p 3	28 57	☉ □ ♀	♂			♂	♂		
8	16 54	16 41	5 42	2 16	0 s 57	♀ Δ ♀	♂			□			
9	16 51	16 46	6 24	3 29	2 54			*					♂
10	16 48	16 51	7 6	4 42	4 47	♀ Δ ♀			*	*			
11	16 44	16 56	7 48	5 55	6 38			□					
12	16 41	17 1	8 30	7 8	8 28				□		Δ	Δ	
13	16 38	17 6	9 12	8 22	10 16		Δ						
14	16 35	17 10	9 54	9 35	12 2		Δ	Δ		□	□	Δ	
15	16 32	17 14	10 36	10 48	13 45	♂ ♂ ♀	□		Δ	♂			
16	16 29	17 18	11 18	12 2	15 24								
17	16 26	17 22	11 59	13 15	17 2	♀ Δ ♀					*	*	□
18	16 23	17 26	12 41	14 28	18 37	♀ Δ ♀	*						
19	16 20	17 30	13 22	15 42	20 10			♂					
20	16 17	17 33	14 4	16 55	21 40	♀ □ ♀			♂	*			*
21	16 14	17 36	14 45	18 9	23 8								
22	16 12	17 39	15 27	19 22	24 34	☉ Δ ♀				□	♂		
23	16 9	17 42	16 8	20 36	25 57		♂	Δ				♂	
24	16 6	17 45	16 50	21 49	27 17								
25	16 4	17 47	17 31	23 3	28 34	♂ □ ♀			Δ	Δ			
26	16 2	17 49	18 13	24 16	29 49			□					♂
27	16 0	17 51	18 54	25 30	1 s 1	♀ □ ♀			□		*		
28	16 58	17 53	19 35	26 43	2 10		*	*				*	
29	15 56	17 55	20 16	27 57	3 17				*	♂	□		
30	15 54	17 57	20 57	29 10	4 20						□		

JULY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 45	0 N 30	11 S 21	2 N 21	14 S 22	1 S 14	5 S 54
4	15 45	0 30	11 21	2 20	14 21	1 15	5 54
7	15 45	0 30	11 21	2 19	14 20	1 16	5 54
10	15 46	0 30	11 21	2 19	14 20	1 17	5 55
18	15 46	0 30	11 21	2 18	14 20	1 18	5 57
16	15 46	0 29	11 22	2 17	14 21	1 19	6 0
19	15 46	0 29	11 22	2 16	14 21	1 20	6 3
22	15 46	0 29	11 22	2 16	14 22	1 21	6 7
25	15 47	0 29	11 23	2 15	14 23	1 22	6 11
28	15 47	0 29	11 24	2 15	14 24	1 23	6 16
31	15 47	0 29	11 25	2 14	14 25	1 23	6 22

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	F	6 37 28	9 52 22	25 23 N	8 12 48	3 S 8	7 S 57	0 m 56
2	S	6 41 24	10 19 36	23 4 27	0 2 21	2 12 18	0 R 56	
3	S	6 45 21	11 16 48	22 59 11	m 17	0 48 16	0 0 56	
4	M	6 49 18	12 13 59	22 54 25	39 0 N	29 18 43	0 0 55	
5	Tu	6 53 14	13 11 9	22 48 10	f 1	1 44 20	15 0 55	
6	W	6 57 11	14 8 20	22 43 24	21 2 53	20 28 0 55		
7	Th	7 1 7	15 5 31	22 36 8	w 32 3 50	19 22 0 55		
8	F	7 5 4	16 2 42	22 30 22	30 4 32	17 7 0 55		
9	S	7 9 0	16 59 53	22 23 6	m 10 4 57	13 57 0 D 55		
10	S	7 12 57	17 57 5	22 15 19	30 5 51	10 9 0 55		
11	M	7 16 53	18 54 16	22 8 2	x 29 4 58	5 58 0 55		
12	Tu	7 20 50	19 51 29	21 59 15	7 4 35	1 38 0 56		
18	W	7 24 47	20 48 42	21 51 27	26 4 1 2	N 40 0 56		
14	Th	7 28 43	21 45 55	21 42 9	r 30 3 16	6 46 0 56		
15	F	7 32 40	22 43 9	21 38 21	25 2 23	10 34 0 57		
16	S	7 36 36	23 40 24	21 23 3	14 1 24	13 56 0 57		
17	S	7 40 33	24 37 40	21 13 15	4 0 22	16 43 0 58		
18	M	7 44 29	25 34 57	21 3 26	59 0 S	41 18 50 0 58		
19	Tu	7 48 26	26 32 14	20 52 9	Π 4 1 44	20 7 0 58		
20	W	7 52 22	27 29 32	20 41 21	24 2 43	20 29 0 59		
21	Th	7 56 19	28 26 51	20 29 4	5 1 3 35	19 49 0 59		
22	F	8 0 16	29 24 10	20 18 16	57 4 17	18 8 1 0		
23	S	8 4 12	0 Ω 21	31 20 6	0 Ω 12 4 47	15 27 1 1		
24	S	8 8 9	1 18 52	19 53 13	44 5 11	54 1 1		
25	M	8 12 5	2 16 13	19 40 27	31 4 58	7 41 1 2		
26	Tu	8 16 2	3 13 35	19 27 11	m 23 4 38	2 59 1 3		
27	W	8 19 58	4 10 58	19 14 25	33 4 0	18 54 1 4		
28	Th	8 23 55	5 8 21	19 0 9	Δ 40 3 8	6 43 1 5		
29	F	8 27 51	6 5 41	18 46 23	49 2 41	11 11 1 6		
30	S	8 31 48	7 3 9	18 32 7	m 57 0 53	15 0 1 7		
31	S	8 35 45	8 0 34	18 17 22	4 0 N	22 17 57 1 8		

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 29	11 S 26	2 N 13	14 S 26	1 S 23	6 S 24
4	15	47	0 29	11 27	2 12	14 28	1 24	6 30
7	15	48	0 29	11 29	2 11	14 31	1 25	6 37
10	15	48	0 29	11 31	2 11	14 33	1 26	6 45
13	15	49	0 28	11 33	2 10	14 36	1 26	6 53
16	15	49	0 28	11 35	2 9	14 39	1 27	7 1
19	15	50	0 28	11 37	2 8	14 42	1 27	7 10
22	15	50	0 28	11 38	2 7	14 45	1 28	7 19
25	15	51	0 28	11 40	2 7	14 48	1 28	7 28
28	15	51	0 28	11 43	2 6	14 52	1 29	7 37
31	15	52	0 28	11 45	2 6	14 56	1 29	7 46

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	M	8 39 41	8 52 57 59	18 N 2	6 7 8	1 N 35	19 S 47	1 m 9
2	Tu	8 43 38	9 55 25 17	47 20	7	2 42	20 24	1 10
3	W	8 47 34	10 52 52 17	31 4	vr 1	3 38	19 46	1 12
4	Th	8 51 31	11 50 19 17	15 17	48	4 21	17 57	1 13
5	F	8 55 27	12 47 48 16	59 1	m 23	4 49	15 10	1 14
6	S	8 59 24	13 45 17 16	43 14	44	5 0	11 38	1 15
7	S	9 3 20	14 42 48 16	26 27	49	4 55	7 37	1 17
8	M	9 7 17	15 40 19 16	9 10	✕ 37	4 36	3 20	1 18
9	Tu	9 11 14	16 37 52 15	52 23	8	4 3	0 N 59	1 20
10	W	9 15 10	17 35 26 15	35 5	r 24	3 19	5 11	1 21
11	Th	9 19 7	18 33 1	15 17	17 26	2 27	9 7	1 23
12	F	9 23 3	19 30 39 14	59 29	18	1 30	12 38	1 25
13	S	9 27 0	20 28 17 14	41 11	8 7	0 28	15 37	1 27
14	S	9 30 56	21 25 58 14	22 22	56	0 S 35	17 58	1 29
15	M	9 34 53	22 23 39 14	4 4	π 51	1 36	19 33	1 31
16	Tu	9 38 49	23 21 23 13	45 16	58	2 35	20 15	1 33
17	W	9 42 46	24 19 8 13	26 29	22	3 27	20 1	1 35
18	Th	9 46 43	25 16 55 13	6 12	56	4 10	18 45	1 37
19	F	9 50 39	26 14 43 12	47 25	13	4 42	16 29	1 39
20	S	9 54 36	27 12 33 12	27 8	Q 44	4 59	13 17	1 41
21	S	9 58 32	28 10 23 12	7 22	36	4 59	9 16	1 43
22	M	10 2 29	29 8 17 11	47 6	m 47	4 41	4 40	1 45
23	Tu	10 6 25	0 m 6 11 11	27 21	10	4 5	0 S 15	1 48
24	W	10 10 22	1 4 6 11	6 5	△ 39	3 13	5 12	1 50
25	Th	10 14 18	2 2 4 10	46 20	9	2 9	9 52	1 52
26	F	10 18 15	3 0 2 10	25 4	m 33	0 56	13 56	1 55
27	S	10 22 12	3 58 2 10	4 18	50	0 N 20	17 7	1 57
28	S	10 26 8	4 56 3 9	43 2	f 57	1 34	19 14	1 59
29	M	10 30 5	5 54 5 9	21 16	52	2 41	20 9	2 1
30	Tu	10 34 1	6 52 9 9	0 0	w 38	3 37	19 50	2 3
31	W	10 37 58	7 50 14 8	38 14	12	4 21	18 22	2 5

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.				
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.					
1	0 N 44	23 N 37	1 N 8	19 N 14	4 S 42	14 N 36	17 m 17				
4	0 45	23 26	1 12	18 14	4 13	15 27	17 7				
7	0 47	23 15	1 16	17 16	3 32	16 20	16 58				
10	0 49	23 0	1 19	16 5	2 44	17 7	16 48				
13	0 51	22 46	1 21	15 1	1 53	17 44	16 39				
16	0 52	22 30	1 23	13 45	1 2	18 3	16 29				
19	0 54	22 12	1 24	12 31	0 16	18 8	16 19				
22	0 56	21 52	1 25	11 9	0 N 25	17 37	16 10				
25	0 57	21 31	1 25	9 49	0 59	16 45	16 0				
28	0 59	21 10	1 25	8 21	1 23	15 29	15 51				
31	1 0	20 48	1 24	7 0	1 39	13 50	15 41				
D	h	♂	♀	♀	Mutual	Lunar Aspects.					
M	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♊	♋	♌
1	15 m 43	17 * 8	12 25	8 32	4 29		Δ				Δ Δ
2	15 45	16 R 58	13 5	9 46	3 R 49					□	
3	15 46	16 53	13 44	11 0	3 14	☉ ♂ ♀	*				
4	15 48	16 48	14 24	12 14	2 45			*	*	♂	
5	15 50	16 43	15 3	13 28	2 20	♂ Δ ♀	□				♂
6	15 51	16 38	15 42	14 42	2 0	♂ Δ ♈	♂	□			
7	15 53	16 32	16 21	15 57	1 46	♀ □ ♈	Δ				
8	15 55	16 26	17 0	17 11	1 39	☉ □ ♈		Δ	♂		♂
9	15 57	16 20	17 39	18 25	1 D 38	♀ □ ♈				Δ	
10	15 59	16 14	18 18	19 39	1 44						Δ
11	16 1	16 8	18 57	20 53	1 57		Δ			□	Δ
12	16 3	16 2	19 36	22 7	2 17	♂ Δ ♈	♂				□
13	16 6	16 56	20 15	23 21	2 45			♂	*		
14	16 8	16 50	20 54	24 35	3 20		□			*	□
15	16 11	16 43	21 38	25 49	4 2						*
16	16 13	16 36	22 12	27 3	4 52				□		
17	16 16	16 29	22 51	28 17	5 48		*	Δ			*
18	16 18	16 22	23 30	29 31	6 50				Δ	Δ	
19	16 21	16 15	24 8	0 46	7 58					♂	
20	16 24	16 8	24 47	2 0	9 12	♀ * ♈	□				♂
21	16 27	16 1	25 25	3 14	10 33		♂	□			
22	16 30	16 53	26 4	4 29	12 0			*			♂
23	16 33	16 46	26 42	5 43	13 32				*	♂	*
24	16 36	16 39	27 21	6 57	15 7	♀ □ ♈					
25	16 40	16 31	27 59	8 12	16 46	☉ * ♈					*
26	16 43	16 23	28 38	9 26	18 29		*	♂			*
27	16 47	16 15	29 16	10 41	20 15				♂	Δ	□
28	16 50	16 7	29 55	11 55	22 4		□			Δ	
29	16 54	16 0	30 33	13 10	23 55	♀ ♂ ♈				□	□
30	16 58	16 52	1 11	14 24	25 47		Δ	*			Δ
31	17 2	16 44	1 49	15 38	27 41	♂ □ ♈			*	*	Δ

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 54	0 N 28	11 S 48	2 N 5	14 S 57	1 S 29	7 S 49
4	15 54	0 28	11 51	2 5	15 2	1 29	7 58
7	15 55	0 28	11 54	2 4	15 6	1 30	8 8
10	15 56	0 28	11 57	2 3	15 10	1 30	8 18
13	15 57	0 28	12 0	2 2	15 15	1 30	8 26
16	15 57	0 28	12 3	2 2	15 20	1 30	8 35
19	15 58	0 27	12 5	2 1	15 24	1 30	8 44
22	15 59	0 27	12 8	2 1	15 29	1 30	8 52
25	16 0	0 27	12 12	2 0	15 34	1 29	9 0
28	16 0	0 27	12 16	2 0	15 39	1 29	9 7

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	10 41 54	8 ^m 48 20	8 N 17	27 ^m 35	4 N 50	15 S 55	2 ^m 7
2	F	10 45 51	9 46 28	7 55	10 ^m 47	5 8	12 41	2 10
3	S	10 49 47	10 44 38	7 33	23 46	5 0	8 54	2 12
4	S	10 53 44	11 42 49	7 11	6 ^m 32	4 41	4 46	2 15
5	M	10 57 41	12 41 1	6 48	19 5	4 10	0 30	2 18
6	Tu	11 1 37	13 39 16	6 26	1 ^r 24	3 27	3 N 43	2 21
7	W	11 5 34	14 37 32	6 4	13 31	2 35	7 43	2 24
8	Th	11 9 30	15 35 51	5 41	25 29	1 37	11 22	2 27
9	F	11 13 27	16 34 11	5 18	7 ^r 19	0 35	14 31	2 30
10	S	11 17 23	17 32 33	4 56	19 6	0 S 28	17 3	2 33
11	S	11 21 20	18 30 58	4 33	0 ^r 54	1 31	18 53	2 37
12	M	11 25 16	19 29 24	4 10	12 48	2 30	19 53	2 40
13	Tu	11 29 13	20 27 53	3 47	24 54	3 23	19 59	2 43
14	W	11 33 10	21 26 25	3 24	7 ^m 16	4 8	19 8	2 46
15	Th	11 37 6	22 24 58	3 1	20 0	4 42	17 19	2 49
16	F	11 41 3	23 23 34	2 38	3 ^r 9	5 3	14 33	2 52
17	S	11 44 59	24 22 11	2 14	16 45	5 8	10 56	2 56
18	S	11 48 56	25 20 51	1 51	0 ^m 47	4 54	6 37	2 59
19	M	11 52 52	26 19 33	1 28	15 13	4 22	1 48	3 2
20	Tu	11 56 49	27 18 17	1 4	29 55	3 32	3 S 13	3 5
21	W	12 0 45	28 17 3	0 41	14 ^r 48	2 27	8 6	3 8
22	Th	12 4 42	29 15 51	0 18	29 41	1 12	12 30	3 13
23	F	12 8 39	0 ^r 14 41	0 S 6	14 ^m 28	0 N 8	16 4	3 16
24	S	12 12 35	1 13 32	0 29	29 3	1 26	18 34	3 19
25	S	12 16 32	2 12 25	0 53	13 ^r 21	2 37	19 49	3 23
26	M	12 22 28	3 11 20	1 16	27 22	3 38	19 48	3 26
27	Tu	12 24 25	4 10 17	1 40	11 ^r 4	4 24	18 37	3 29
28	W	12 28 21	5 9 16	2 3	24 28	4 55	18 24	3 32
29	Th	12 32 18	6 8 16	2 26	7 ^m 36	5 10	13 23	3 35
30	F	12 36 14	7 7 18	2 50	20 29	5 9	9 47	3 38

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 1	20 N 38	1 N 24	6 N 28	1 N 42	13 N 13	15 m 38
4	1 3	20 12	1 22	4 54	1 47	11 12	15 28
7	1 5	19 41	1 20	3 29	1 46	9 0	15 19
10	1 7	19 16	1 17	1 53	1 39	6 42	15 9
13	1 8	18 51	1 14	0 25	1 28	4 21	15 0
16	1 10	18 21	1 10	1 S 8	1 13	1 59	14 50
19	1 11	17 51	1 5	2 39	0 56	0 S 23	14 41
22	1 13	17 20	1 0	4 11	0 38	2 41	14 31
25	1 14	16 48	0 55	5 42	0 17	4 57	14 22
28	1 16	16 15	0 49	7 22	0 S 3	7 8	14 12

D M	h		♄		♅		♀		♂		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	☉	☿		♈	♉	♊	♋	♌	♍		
	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /									
1	17 m 6	13 x 37	2 22 27	16 m 53	29 22 37	♂ ☐ ♀													
2	17 10	13 R 29	3 5 18	7 1 m 33	♀ * ♀							☐					♂		
3	17 14	13 21	3 43 19	21 3 29										☐					
4	17 18	13 13	4 21 20	36 5 25								♂	Δ				♂		
5	17 22	13 5	4 59 21	50 7 21	☉ ♂ ♄									Δ	♈		♂		
6	17 26	12 57	5 37 23	4 9 16												Δ			
7	17 31	12 49	6 15 24	19 11 11															
8	17 35	12 41	6 53 25	33 13 6	♀ ♂ ♄														
9	17 40	12 33	7 31 26	48 15 0	♀ * ♀							♂			*	☐			
10	17 44	12 25	8 8 28	2 16 53	☉ * ♀							Δ		♈			Δ		
11	17 49	12 17	8 46 29	17 18 45	☉ ♂ ♀												Δ		
12	17 54	12 9	9 24 0	31 20 36												☐	*		
13	17 59	12 2	1 1 46	22 27								☐					☐		
14	18 4	11 54	10 39 3	0 24 17									Δ		Δ		☐		
15	18 9	11 46	11 16 4	15 26 5								*		Δ					
16	18 14	11 38	11 53 5	29 27 51									☐				*		
17	18 19	11 31	12 31 6	44 29 37										☐		♈	*		
18	18 24	11 23	13 8 7	58 1 22								*							
19	18 29	11 16	13 45 9	13 3 7										*	♈				
20	18 34	11 8	14 22 10	27 4 51								♈					♈		
21	18 39	11 1	14 59 11	42 6 38												*	♈		
22	18 45	10 54	15 36 12	56 8 14									♈						
23	18 50	10 47	16 18 14	11 9 54										♈	Δ	☐			
24	18 56	10 40	16 50 15	25 11 33								*							
25	19 2	10 33	17 27 16	40 13 12											☐	Δ	*		
26	19 7	10 26	18 4 17	54 14 50	♀ * ♂							☐	*						
27	19 13	10 20	18 41 19	9 16 27											*		☐		
28	19 19	10 13	19 18 20	23 18 2	♂ ☐ ♀								*				☐		
29	19 24	10 7	19 54 21	38 19 37	♀ * ♂							Δ	☐						
30	19 30	10 0	20 31 22	52 21 11										☐		♈	Δ		

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herchel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 27	12 S 20	1 N 59	15 S 44	1 S 29	9 S 14
4	16	1	0 27	12 24	1 59	15 49	1 29	9 20
7	16	2	0 27	12 28	1 58	15 55	1 28	9 26
10	16	3	0 27	12 32	1 58	16 0	1 28	9 31
13	16	4	0 27	12 36	1 57	16 6	1 27	9 36
16	16	5	0 27	12 39	1 57	16 11	1 27	9 40
19	16	5	0 27	12 43	1 57	16 17	1 26	9 43
22	16	6	0 27	12 45	1 57	16 23	1 26	9 45
25	16	7	0 27	12 49	1 56	16 28	1 25	9 47
28	16	7	0 27	12 53	1 56	16 33	1 25	9 48
31	16	8	0 27	12 57	1 56	16 39	1 25	9 49

D M	D W	Sidereal Time.		☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.		° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	12	40 11	8 6 22	3 S 13	3 3 9	4 N 52	5 S 49	3 41
2	S	12	44 7	9 5 27	3 36	15 37	4 22	1 39	3 44
3	M	12	48 4	10 4 34	4 0	27 53	3 40	2 N 32	3 48
4	Tu	12	52 1	11 3 44	4 23	10 0	2 49	6 33	3 52
5	W	12	55 57	12 2 56	4 46	21 59	1 50	10 16	3 56
6	Th	12	59 54	13 2 9	5 9	3 51	0 47	13 33	3 59
7	F	13	3 50	14 1 25	5 32	15 38	0 S 17	16 16	4 2
8	S	13	7 47	15 0 43	5 55	27 25	1 21	18 17	4 5
9	S	13	11 43	16 0 3	6 18	9 13	2 22	19 31	4 9
10	M	13	15 40	16 59 26	6 41	21 7	3 17	19 53	4 13
11	Tu	13	19 36	17 58 51	7 4	3 12	4 5	19 21	4 17
12	W	13	23 33	18 58 18	7 26	15 33	4 42	17 53	4 20
13	Th	13	27 30	19 57 48	7 49	28 12	5 6	15 32	4 24
14	F	13	31 26	20 57 20	8 11	11 16	5 16	12 21	4 27
15	S	13	35 23	21 56 55	8 33	24 47	5 9	8 25	4 31
16	S	13	39 20	22 56 31	8 56	8 45	4 44	3 55	4 34
17	M	13	43 17	23 56 11	9 18	23 11	4 0	0 S 58	4 38
18	Tu	13	47 13	24 55 52	9 40	7 58	2 59	5 55	4 42
19	W	13	51 10	25 55 35	10 1	23 2	1 45	10 35	4 46
20	Th	13	55 7	26 55 20	10 23	8 12	0 23	14 37	4 50
21	F	13	59 3	27 55 8	10 46	23 19	1 N 0	17 39	4 54
22	S	14	2 0	28 54 57	11 6	8 14	2 19	19 25	4 57
23	S	14	6 57	29 54 48	11 27	22 52	3 26	19 50	5 0
24	M	14	10 53	0 54 41	11 48	7 6	4 19	18 57	5 4
25	Tu	14	14 49	1 54 35	12 9	20 56	4 56	16 57	5 8
26	W	14	18 45	2 54 31	12 30	4 22	5 15	14 5	5 11
27	Th	14	22 41	3 54 29	12 50	17 25	5 16	10 36	5 15
28	F	14	26 37	4 54 28	13 10	0 3	5 8	6 42	5 19
29	S	14	30 33	5 54 29	13 30	12 37	4 35	2 36	5 23
30	S	14	34 29	6 54 32	13 50	24 51	3 55	1 N 33	5 27
31	M	14	38 25	7 54 37	14 10	6 55	3 5	5 35	5 31

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 17	15 N 42	0 N 43	8 S 41	0 S 25	9 S 14	14 ^m 3
4	1 19	15 7	0 36	10 7	0 46	11 15	13 53
7	1 21	14 33	0 30	11 34	1 7	13 10	13 44
10	1 23	13 58	0 23	12 55	1 28	14 58	13 34
13	1 24	13 22	0 15	14 16	1 47	16 38	13 25
16	1 26	12 46	0 8	15 30	2 6	18 11	13 15
19	1 27	12 9	0 0	16 47	2 22	19 34	13 6
22	1 29	11 32	0 S 8	17 53	2 35	20 48	12 57
25	1 30	10 55	0 16	19 1	2 46	21 50	12 47
28	1 32	10 18	0 24	19 59	2 52	22 40	12 38
31	1 33	9 38	0 33	20 50	2 53	23 14	12 28

D M	h	Long.	♄	Long.	♅	Long.	♆	Long.	♇	Long.	Mutual Aspts.	Lunar Aspects.							
												☉	☿	♈	♉	♊	♋	♌	♍
		° /	° /	° /	° /	° /	° /	° /	° /	° /									
1	19 ^m 36	9 54	21 2	7 24	6 22	44							Δ						
2	19 42	9 48	21 44	25 20	24 17									Δ	♈				
3	19 48	9 43	22 20	26 35	25 49														
4	19 54	9 37	22 57	27 49	27 19							♈							
5	20 0	9 32	23 33	29 4	28 49												Δ		
6	20 6	9 26	24 10	0 ^m 18	0 ^m 18	♈♈♈							♈			*		♈♈	
7	20 13	9 21	24 46	1 33	1 47									♈					
8	20 19	9 16	25 22	2 47	3 15	♈♈♈											□		
9	20 25	9 11	25 58	4 2	4 42	♈♈♈											□		
10	20 32	9 6	26 34	5 16	6 8							Δ					*		
11	20 38	9 2	27 10	6 31	7 33									Δ		Δ		Δ	Δ
12	20 44	8 57	27 46	7 45	8 57	♈♈♈						□		Δ					
13	20 51	8 53	28 22	9 0	10 21	♈♈♈							□						
14	20 57	8 49	28 58	10 14	11 44													□	□
15	21 4	8 45	29 34	11 29	13 5							*		□		♈			
16	21 11	8 41	0 ^m 9	12 43	14 25								*			♈		*	*
17	21 17	8 38	0 45	13 58	15 45									*				*	*
18	21 24	8 34	1 21	15 12	17 3														
19	21 31	8 31	1 56	16 27	18 20							♈							
20	21 37	8 28	2 31	17 41	19 36							♈	♈		Δ	*			
21	21 44	8 26	3 7	18 56	20 50									♈				♈♈	
22	21 51	8 24	3 42	20 10	22 2	♈♈♈									□	□			
23	21 57	8 21	4 18	21 25	23 12	♈♈♈													
24	22 4	8 19	4 53	22 39	24 21	♈♈♈						*	*	*	*				
25	22 11	8 17	5 28	23 54	25 28									*		*	Δ	*	*
26	22 18	8 15	6 32	25 8	26 33							□	□						
27	22 25	8 14	6 38	26 22	27 35									□					
28	22 32	8 13	7 13	27 37	28 35	♈♈♈						♈♈♈	Δ	Δ				□	□
29	22 39	8 12	7 48	28 51	29 30										♈	♈			
30	22 46	8 11	8 23	0 5	0 22	♈♈♈								Δ					
31	22 53	8 10	8 58	1 20	1 10	♈♈♈						♈♈♈						Δ	Δ

NOVEMBER XXX DAYS.

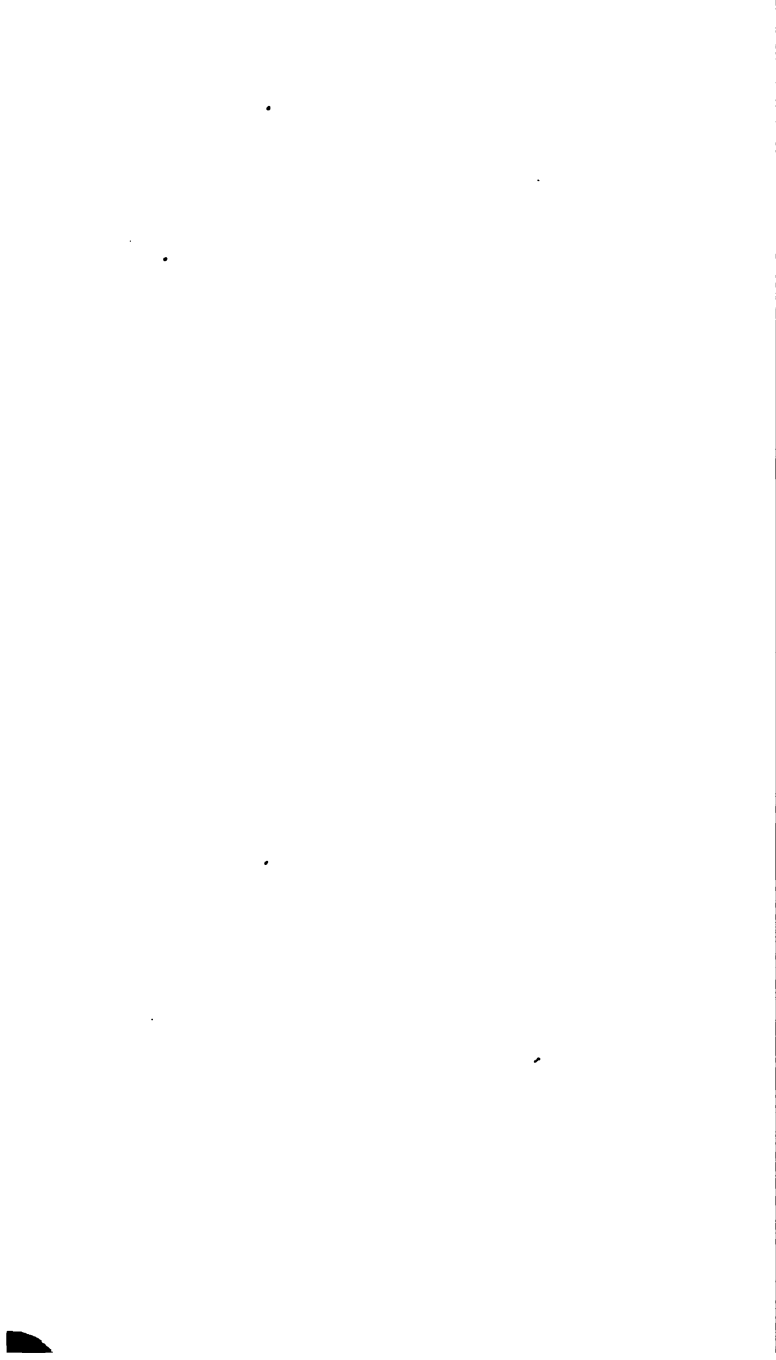
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	10	0 N 27	12 S 59	1 N 55	16 S 41	1 S 24	9 S 49
4	16	10	0 27	13 3	1 55	16 46	1 23	9 48
7	16	11	0 27	13 7	1 55	16 52	1 22	9 47
10	16	12	0 27	13 11	1 55	16 57	1 22	9 46
13	16	12	0 27	13 14	1 55	17 2	1 21	9 42
16	16	13	0 27	13 17	1 55	17 7	1 21	9 39
19	16	14	0 27	13 20	1 54	17 13	1 20	9 35
22	16	14	0 27	13 23	1 54	17 18	1 20	9 30
25	16	15	0 27	13 27	1 54	17 23	1 19	9 25
28	16	15	0 27	13 30	1 54	17 28	1 19	9 19

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	14 42 21	8 ^m 54 42	14 S 29	18 ^r 51	2 N 7	9 N 21	5 ^m 35
2	W	14 46 17	9 54 50	14 48	0 ^r 43	1 41	12 44	5 36
3	Th	14 50 14	10 55 0	15 7	12 31	0 S 1	15 36	5 42
4	F	14 54 10	11 55 11	15 26	24 19	1 6	17 48	5 46
5	S	14 58 7	12 55 24	15 44	6 ^h 8	2 9	19 14	5 50
6	S	15 2 3	13 55 39	16 2	18 1	3 6	19 50	5 54
7	M	15 6 0	14 55 56	16 20	0 ^h 5	3 55	19 32	5 58
8	Tu	15 9 57	15 56 16	16 37	12 9	4 35	18 20	6 1
9	W	15 13 53	16 56 37	16 55	24 31	5 3	16 16	6 5
10	Th	15 17 50	17 57 0	17 12	7 ^h 9	5 17	13 23	6 9
11	F	15 21 46	18 57 25	17 28	20 7	5 15	9 48	6 13
12	S	15 25 43	19 57 52	17 45	3 ^h 29	4 57	5 38	6 17
13	S	15 29 39	20 58 21	18 1	17 15	4 21	1 2	6 20
14	M	15 33 36	21 58 53	18 17	1 ^h 28	3 28	3 S 46	6 24
15	Tu	15 37 32	22 59 25	18 32	16 4	2 21	8 30	6 28
16	W	15 41 29	24 0 0	18 47	1 ^m 1	1 3	12 49	6 32
17	Th	15 45 26	25 0 36	19 2	16 10	0 N 21	16 21	6 36
18	F	15 49 22	26 1 14	19 17	1 ^f 24	1 44	18 46	6 39
19	S	15 53 19	27 1 54	19 31	16 31	2 58	19 49	6 42
20	S	15 57 15	28 2 35	19 45	1 ^w 23	4 0	19 28	6 46
21	M	16 1 12	29 3 16	19 58	15 53	4 44	17 49	6 49
22	Tu	16 5 8	0 ^f 4 0	20 11	29 56	5 9	15 9	6 53
23	W	16 9 5	1 4 44	20 24	13 ^m 31	5 16	11 43	6 56
24	Th	16 13 1	2 5 30	20 36	26 39	5 7	7 50	6 59
25	F	16 16 58	3 6 16	20 48	9 ^x 23	4 42	3 42	7 2
26	S	16 20 55	4 7 42	20 59	21 47	4 4	0 N 29	7 6
27	S	16 24 51	5 7 52	21 10	3 ^r 55	3 17	4 34	7 9
28	M	16 28 48	6 8 42	21 21	15 52	2 21	8 25	7 13
29	Tu	16 32 44	7 9 32	21 32	27 42	1 20	11 53	7 16
30	W	16 36 41	8 10 24	21 41	9 ^r 30	0 16	14 55	7 20

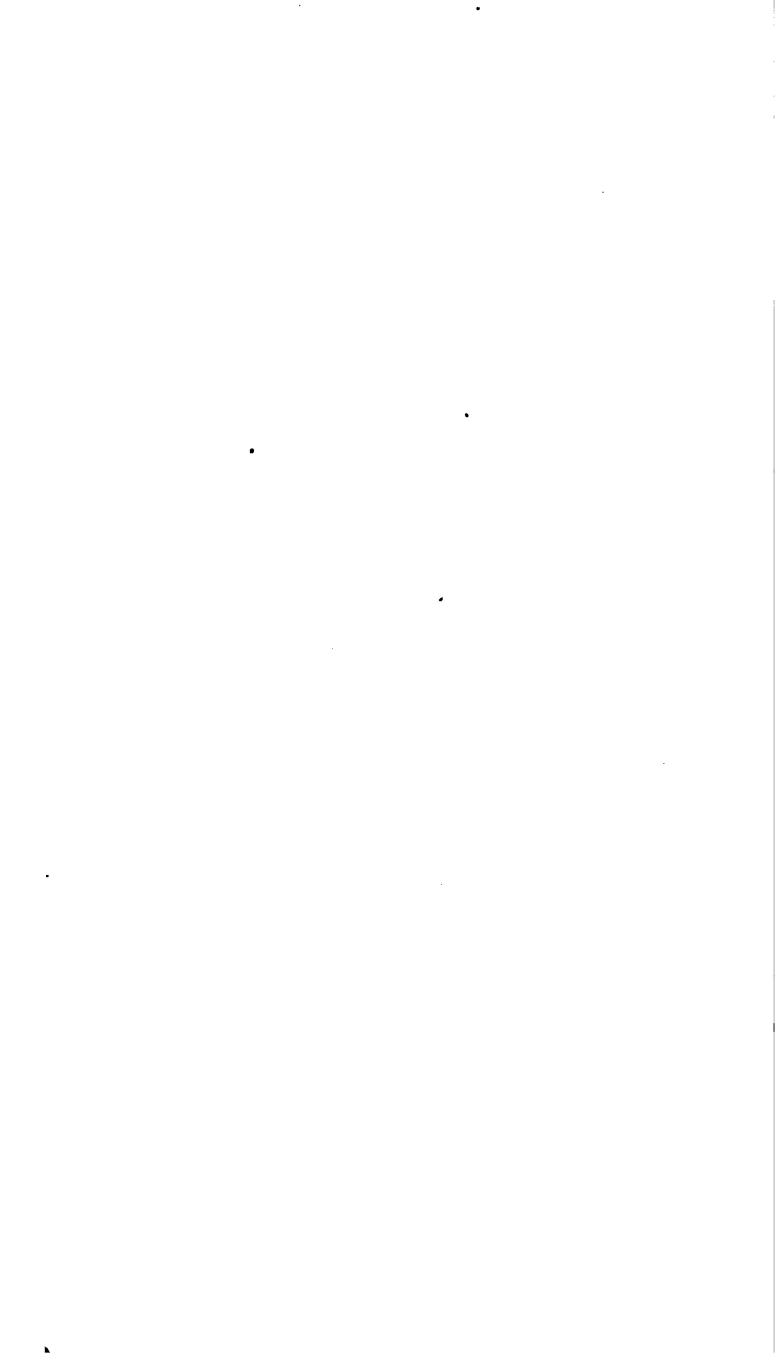
DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 27	13 S 34	1 N 55	17 S 33	1 S 17	9 S 13
4	16 15	0 27	13 37	1 55	17 38	1 17	9 6
7	16 16	0 27	13 40	1 55	17 42	1 16	8 58
10	16 16	0 27	13 44	1 55	17 46	1 16	8 50
13	16 16	0 27	13 47	1 55	17 51	1 15	8 41
16	16 16	0 27	13 49	1 55	17 56	1 14	8 32
19	16 17	0 27	13 52	1 55	18 0	1 13	8 22
22	16 17	0 27	13 54	1 55	18 4	1 13	8 11
25	16 17	0 27	13 57	1 55	18 8	1 12	8 0
28	16 17	0 27	14 0	1 55	18 12	1 12	7 48
31	16 17	0 27	14 2	1 55	18 15	1 12	7 36

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	16 40 37	9 11 16	21 8 51	21 8 17	0 S 49	17 N 18	7 m 23
2	F	16 44 34	10 12 9	22 0 3	3 11 8	1 52	18 58	7 26
3	S	16 48 30	11 13 4	22 9 15	3 2 50	19 48	7 29	
4	S	16 52 27	12 13 59	22 17 27	6 3 41	19 44	7 32	
5	M	16 56 24	13 14 56	22 25 9	16 4 23	18 46	7 35	
6	Tu	17 0 20	14 15 54	22 32 21	37 4 53	16 54	7 38	
7	W	17 4 17	15 16 53	22 39 4	9 5 9	14 14	7 42	
8	Th	17 8 13	16 17 53	22 45 16	54 5 11	10 51	7 45	
9	F	17 12 10	17 18 54	22 51 29	54 4 57	6 53	7 48	
10	S	17 16 6	18 19 56	22 57 13	12 4 26	2 30	7 52	
11	S	17 20 3	19 21 0	23 2 26	48 3 41	2 S 6	7 55	
12	M	17 24 0	20 22 4	23 7 10	45 2 41	6 44	7 58	
13	Tu	17 27 56	21 23 10	23 11 25	3 1 30	11 6	8 1	
14	W	17 31 53	22 24 16	23 15 9	39 0 12	14 54	8 4	
15	Th	17 35 49	23 25 24	23 18 24	31 1 N 9	17 48	8 7	
16	F	17 39 46	24 26 32	23 21 9	31 2 25	19 31	8 10	
17	S	17 43 42	25 27 41	23 24 32	3 3 31	19 50	8 13	
18	S	17 47 39	26 28 50	23 25 9	24 4 22	18 46	8 16	
19	M	17 51 35	27 30 0	23 26 23	59 4 55	16 30	8 19	
20	Tu	17 55 32	28 31 10	23 27 8	10 5 8	13 17	8 22	
21	W	17 59 29	29 32 20	23 28 21	53 6 3	9 26	8 24	
22	Th	18 3 26	0 33 31	23 28 5	8 4 42	5 16	8 27	
23	F	18 7 22	1 34 42	23 27 17	57 4 7	0 58	8 30	
24	S	18 11 19	2 35 52	23 26 0	23 3 21	3 N 14	8 33	
25	S	18 15 16	3 37 3	23 25 12	32 2 28	7 13	8 37	
26	M	18 19 13	4 38 14	23 24 23	28 1 28	10 51	8 39	
27	Tu	18 23 10	5 39 24	23 20 6	16 0 26	14 2	8 41	
28	W	18 27 7	6 40 34	23 18 18	3 0 8	38 16	8 43	
29	Th	18 31 4	7 41 44	23 14 29	51 1 39	18 31	8 45	
30	F	18 35 1	8 42 54	23 10 11	46 2 37	19 38	8 47	
31	S	18 38 58	9 44 5	23 6 23	50 3 28	19 51	8 49	









RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1809.

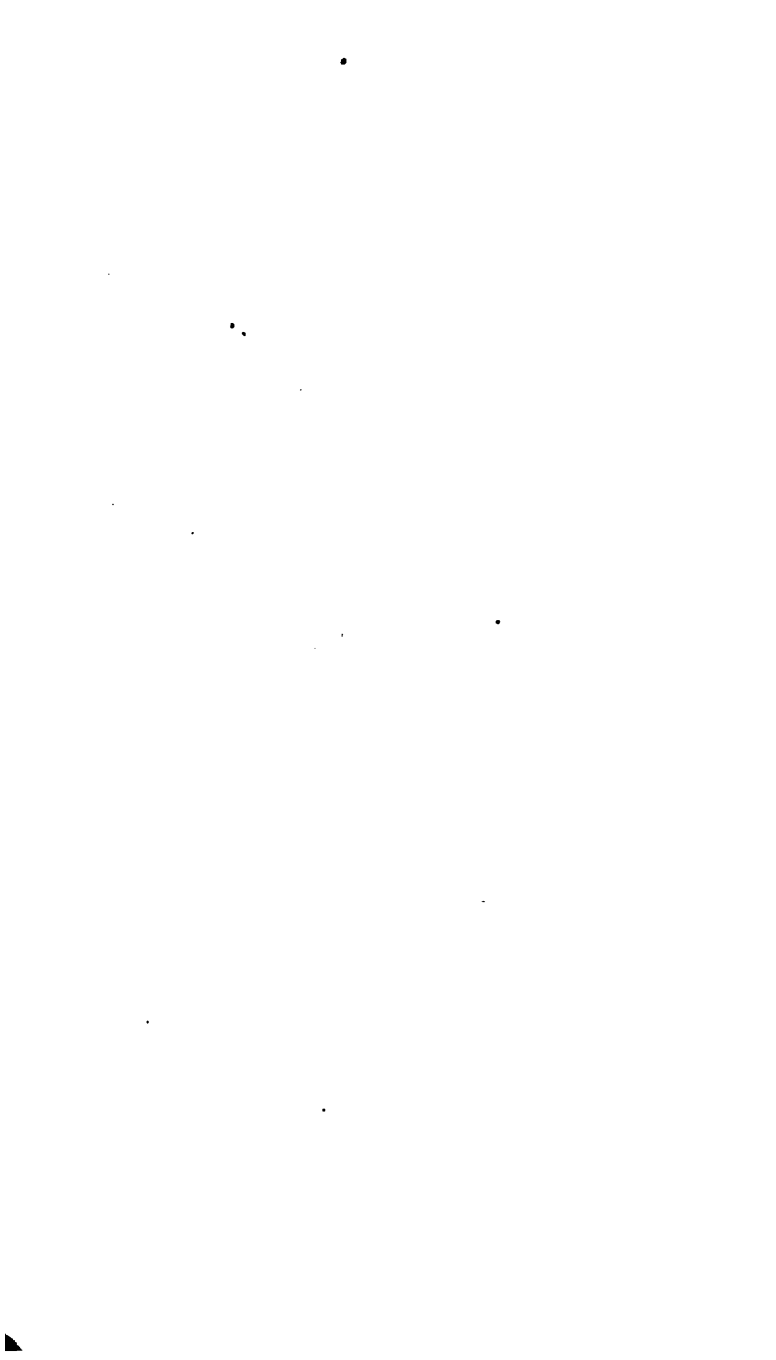
(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.) 939 e. 160

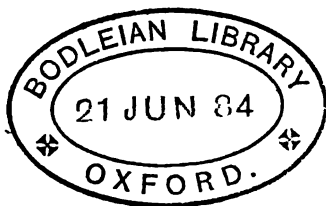


RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1809.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 27	14 S 2	1 N 56	18 S 17	1 S 11	7 S 33
4	16	15	0 27	14 4	1 56	18 21	1 11	7 20
7	16	16	0 27	14 6	1 56	18 24	1 10	7 8
10	16	16	0 27	14 8	1 56	18 27	1 10	7 53
13	16	17	0 27	14 9	1 57	18 30	1 9	7 41
16	16	17	0 27	14 11	1 57	18 32	1 9	6 21
19	16	17	0 27	14 12	1 57	18 35	1 9	6 13
22	16	18	0 27	14 13	1 57	18 38	1 9	5 59
25	16	18	0 27	14 14	1 58	18 40	1 8	5 44
28	16	18	0 27	14 15	1 58	18 42	1 8	5 30
31	16	18	0 27	14 16	1 58	18 45	1 8	5 14

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	18 42 54	10 W 45 14	23 S 2	6 S 4	4 S 11	19 N 9	8 M 51
2	M	18 46 51	11 46 24	22 56	18 31	4 42	17 32	8 53
3	Tu	18 50 47	12 47 34	22 51	1 Q 9	5 0	15 8	8 55
4	W	18 54 44	13 48 43	22 45	14 0	5 3	11 49	8 56
5	Th	18 58 40	14 49 53	22 38	27 2	4 50	7 58	8 58
6	F	19 2 37	15 51 8	22 31	10 W 16	4 22	8 41	9 0
7	S	19 6 33	16 52 13	22 24	23 41	3 39	0 S 51	9 2
8	S	19 10 30	17 53 22	22 16	7 A 18	2 43	5 24	9 5
9	M	19 14 27	18 54 32	22 8	21 8	1 37	9 45	9 7
10	Tu	19 18 23	19 55 42	21 59	5 M 11	0 24	13 38	9 9
11	W	19 22 20	20 56 52	21 50	19 27	0 N 52	16 46	9 11
12	Th	19 26 16	21 58 1	21 40	3 f 54	2 5	18 54	9 13
13	F	19 30 13	22 59 10	21 30	18 29	3 11	19 48	9 15
14	S	19 34 9	24 0 19	21 20	3 W 7	4 4	19 22	9 17
15	S	19 38 6	25 1 28	21 9	17 41	4 41	17 39	9 19
16	M	19 42 3	26 2 36	20 58	2 M 3	4 59	14 52	9 20
17	Tu	19 45 59	27 3 43	20 48	16 7	4 59	11 16	9 21
18	W	19 49 56	28 4 50	20 34	29 48	4 41	7 10	9 23
19	Th	19 53 52	29 5 55	20 22	13 x 4	4 9	2 50	9 24
20	F	19 57 49	0 M 7 0	20 9	25 56	3 24	1 N 30	9 25
21	S	20 1 45	1 8 4	19 56	8 T 25	2 31	5 40	9 26
22	S	20 5 42	2 9 6	19 42	20 35	1 32	9 28	9 27
23	M	20 9 38	3 10 8	19 28	2 S 38	0 30	12 50	9 28
24	Tu	20 13 35	4 11 8	19 14	14 22	0 S 33	15 39	9 29
25	W	20 17 32	5 12 7	18 59	26 9	1 34	17 48	9 30
26	Th	20 21 28	6 13 4	18 44	8 Q 0	2 31	19 11	9 31
27	F	20 25 25	7 14 1	18 29	19 58	3 22	19 44	9 32
28	S	20 29 21	8 14 56	18 13	2 S 9	4 5	19 22	9 33
29	S	20 33 18	9 15 50	17 57	14 34	4 36	18 5	9 34
30	M	20 37 14	10 16 43	17 41	27 15	4 55	15 54	9 35
31	Tu	20 41 11	11 17 34	17 24	10 Q 18	5 0	12 53	9 36

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 10	2 S 31	1 S 49	17 S 16	0 S 51	24 S 19	9 m 9
4	2 12	3 0	1 45	16 3	1 8	24 31	8 59
7	2 14	3 28	1 41	14 47	1 24	24 31	8 50
10	2 16	3 54	1 35	13 26	1 38	24 19	8 41
13	2 18	4 20	1 29	12 5	1 49	23 54	8 31
16	2 20	4 44	1 21	10 39	1 57	23 15	8 22
19	2 22	5 8	1 15	9 12	2 3	22 22	8 12
22	2 24	5 29	1 5	7 42	2 5	21 15	8 3
25	2 27	5 51	0 57	6 11	2 3	19 54	7 53
28	2 29	6 10	0 46	4 38	1 57	18 20	7 44
31	2 31	6 29	0 35	3 5	1 46	16 31	7 34

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	29 m 58	13 x 35	11 Δ 24	17 m 44	0 v 8		♂	Δ			□	
2	0 f 4	13 45	11 50	18 57	1 41	☉ □ ♂		□	Δ		*	
3	0 10	13 56	12 16	20 10	3 14							
4	0 16	14 6	12 42	21 22	4 48	☉ * ♎					*	♂
5	0 22	14 17	13 8	22 35	6 22				□			
6	0 28	14 27	13 34	23 48	7 56		Δ	*		♂		Δ
7	0 33	14 38	14 0	25 0	9 31	♀ * ♈						
8	0 39	14 49	14 25	26 13	11 6				*			□
9	0 45	15 0	14 49	27 25	12 41		□				♂	Δ
10	0 50	15 11	15 14	28 38	14 17	♀ □ ♂	♂					
11	0 55	15 22	15 38	29 50	15 53	♀ * ♎	*			♂		*
12	1 0	15 33	16 3	1 x 2	17 30	♀ □ ♈			♂			□
13	1 5	15 45	16 27	2 14	19 8					□	*	*
14	1 11	15 56	16 50	3 26	20 46			*			*	♂
15	1 16	16 8	17 13	4 38	22 25					*	□	
16	1 21	16 20	17 35	5 50	24 4		♂	□	*			
17	1 26	16 32	17 58	7 2	25 43						Δ	
18	1 31	16 44	18 21	8 14	27 23				□			
19	1 36	16 56	18 43	9 25	29 4	☉ ♂ ♉	Δ			♂		♂
20	1 41	17 8	19 4	10 37	0 x 45	♀ Δ ♈	*		Δ			*
21	1 46	17 20	19 24	11 48	2 27	♀ * ♈						
22	1 50	17 32	19 45	13 0	4 10	☉ * ♈					♂	
23	1 55	17 44	20 5	14 11	5 53		□	♂				□
24	1 59	17 56	20 26	15 22	7 37					*	*	
25	2 3	18 9	20 46	16 33	9 21	♀ □ ♈						
26	2 8	18 21	21 5	17 44	11 6		Δ		♂			Δ
27	2 12	18 34	21 23	18 54	12 51	♀ ♂ ♎				Δ	Δ	□
28	2 17	18 47	21 42	20 5	14 37							
29	2 21	19 0	22 0	21 15	16 23	☉ □ ♈		Δ		□		Δ
30	2 25	19 13	22 19	22 26	18 9				Δ		□	
31	2 29	19 26	22 37	23 36	19 55		♂	□				

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	16 15	0 N 28	14 S 16	1 N 59	18 S 45	1 S 7	5 S 8
4	16 15	0 28	14 17	1 59	18 46	1 7	5 52
7	16 14	0 28	14 17	2 0	18 48	1 7	4 36
10	16 14	0 28	14 17	2 0	18 50	1 7	4 20
13	16 13	0 28	14 17	2 1	18 51	1 6	4 4
16	16 12	0 28	14 17	2 1	18 52	1 6	3 47
19	16 11	0 28	14 16	2 2	18 53	1 6	3 30
22	16 11	0 28	14 16	2 2	18 54	1 6	3 13
25	16 10	0 28	14 15	2 3	18 54	1 6	2 57
28	16 10	0 28	14 15	2 3	18 54	1 6	2 41

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☾ Long.	☾ Lat.	☾ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	20 45 7	12 ^m 18 25	17 S 7	23 Ω 26	4 S 48	9 N 11	9 ^m 36
2	Th	20 49 4	13 19 14	16 50	6 ^m 52	4 21	4 57	9 37
3	F	20 53 1	14 20 3	16 33	20 29	3 38	0 26	9 37
4	S	20 56 57	15 20 50	16 15	4 ^h 14	2 42	4 S 10	9 38
5	S	21 0 54	16 21 36	15 57	18 6	1 36	8 35	9 38
6	M	21 4 50	17 22 22	15 39	2 ^m 3	0 24	12 34	9 39
7	Tu	21 8 47	18 23 6	15 20	16 5	0 N 50	15 52	9 39
8	W	21 12 43	19 23 49	15 1	0 ^h 11	2 2	18 13	9 39
9	Th	21 16 40	20 24 31	14 42	14 20	3 6	19 27	9 39
10	F	21 20 36	21 25 12	14 23	28 31	3 59	19 28	9 40
11	S	21 24 33	22 25 52	14 3	12 ^m 41	4 37	18 16	9 40
12	S	21 28 30	23 26 30	13 43	26 46	4 58	15 57	9 40
13	M	21 32 26	24 27 7	13 23	10 ^m 43	5 1	12 44	9 40
14	Tu	21 36 23	25 27 43	13 3	24 26	4 46	8 53	9 ^h 40
15	W	21 40 19	26 28 17	12 42	7 ^h 52	4 16	4 40	9 40
16	Th	21 44 16	27 28 50	12 22	20 58	3 33	0 20	9 39
17	F	21 48 12	28 29 21	12 1	3 ^h 44	2 39	3 N 55	9 39
18	S	21 52 9	29 29 50	11 40	16 11	1 40	7 54	9 39
19	S	21 56 5	0 ^h 30 17	11 18	28 21	0 36	11 28	9 39
20	M	22 0 2	1 30 42	10 57	10 ^h 19	0 S 28	14 29	9 38
21	Tu	22 3 59	2 31 6	10 35	22 9	1 30	16 53	9 38
22	W	22 7 55	3 31 27	10 13	3 ^h 57	2 28	18 32	9 37
23	Th	22 11 52	4 31 46	9 52	15 49	3 20	19 24	9 37
24	F	22 15 48	5 32 3	9 29	27 48	4 4	19 23	9 36
25	S	22 19 45	6 32 19	9 7	10 ^h 5	4 37	18 29	9 35
26	S	22 23 41	7 32 32	8 45	22 32	4 59	16 40	9 35
27	M	22 27 38	8 32 43	8 22	5 Ω 22	5 5	14 0	9 34
28	Tu	22 31 34	9 32 52	8 0	18 33	4 57	10 35	9 33

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	2N31	6S35	0S33	2S35	1S41	15S52	7m30
4	2 33	6 50	0 21	1 2	1 22	13 48	7 20
7	2 35	7 4	0 9	0N33	0 57	11 34	7 11
10	2 37	7 16	0N4	2 6	0 25	9 15	7 1
13	2 39	7 28	0 18	3 41	0N13	6 58	6 52
16	2 41	7 36	0 33	5 13	0 56	4 51	6 42
19	2 43	7 44	0 46	6 46	1 42	3 4	6 33
22	2 45	7 49	1 2	8 15	2 27	1 48	6 23
25	2 46	7 53	1 17	9 45	3 5	1 12	6 14
28	2 46	7 54	1 32	11 10	3 32	1 20	6 4

D M	h	♈	♉	♊	♋	♀	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	♈		♉	♊	♋	♌	♍		
1	2 33	19 39	22 55	24 46	21 42	♈ Δ ♈					*		♈	
2	2 37	19 52	23 11	25 56	23 28			*	☐					
3	2 41	20 5	23 26	27 5	25 14					♈				
4	2 44	20 18	23 41	28 15	27 1				*				♈	
5	2 48	20 31	23 56	29 24	28 47		Δ				♈			
6	2 52	20 44	24 11	0 34	0 31								Δ	
7	2 55	20 58	24 26	1 43	2 14	♈ ☐ ♈	☐	♈		Δ				
8	2 58	21 11	24 40	2 52	3 56	♀ Δ ♈		♈				Δ	☐	
9	3 1	21 25	24 53	4 1	5 36		*			☐				
10	3 4	21 38	25 5	5 9	7 12						*			
11	3 7	21 52	25 17	6 18	8 46			*				☐	*	
12	3 10	22 6	25 29	7 27	10 17	♀ Δ ♈			*	*		☐		
13	3 13	22 20	25 40	8 35	11 44			☐				*		
14	3 16	22 33	25 51	9 43	13 6		♈				Δ			
15	3 18	22 47	26 1	10 51	14 22	☉ Δ ♈	Δ	☐						
16	3 21	23 1	26 10	12 8	15 32					♈			♈	
17	3 23	23 15	26 19	13 6	16 35				Δ					
18	3 26	23 29	26 27	14 14	17 30							♈		
19	3 28	23 43	26 35	15 21	18 17		*					♈		
20	3 30	23 57	26 42	16 27	18 58			♈						
21	3 32	24 11	26 49	17 33	19 26					*			*	
22	3 34	24 25	26 55	18 39	19 46	☉ ☐ ♈	☐		♈					
23	3 36	24 39	27 0	19 45	19 56							*	☐	
24	3 38	24 53	27 4	20 51	19 57					☐	Δ			
25	3 40	25 7	27 7	21 57	19 48		Δ	Δ						
26	3 41	25 21	27 9	23 2	19 30					Δ	☐	☐	Δ	
27	3 42	25 35	27 11	24 7	19 3			☐	Δ					
28	3 43	25 49	27 13	25 11	18 26	☉ Δ ♈								

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 28	14 S 14	2 N 4	18 S 54	1 S 5	2 S 34
4	16	9	0 28	14 13	2 4	18 54	1 5	2 17
7	16	8	0 28	14 12	2 5	18 54	1 5	2 0
10	16	8	0 28	14 11	2 5	18 54	1 5	1 42
13	16	7	0 28	14 9	2 5	18 53	1 5	1 24
16	16	6	0 28	14 8	2 5	18 53	1 5	1 8
19	16	5	0 28	14 6	2 6	18 52	1 5	0 50
22	16	4	0 28	14 5	2 6	18 51	1 5	0 32
25	16	3	0 28	14 2	2 7	18 50	1 5	0 14
28	16	3	0 28	14 1	2 7	18 49	1 5	0 N 4
31	16	2	0 28	13 59	2 7	18 48	1 5	0 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☿ Long.	☿ Lat.	☿ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	22 35 31	10 × 32 59	7 S 37	2 m 4	4 S 31	6 N 31	9 m 32
2	Th	22 39 28	11 33 4	7 14 15	53	3 40	2 3	9 31
3	F	22 43 24	12 33 7	6 51 29	56	2 53	2 S 37	9 30
4	S	22 47 21	13 33 9	6 28 14	8	1 46	7 12	9 28
5	S	22 51 17	14 33 9	6 5 28	25	0 31	11 24	9 26
6	M	22 55 14	15 33 7	5 42 12	m 43	0 N 46	14 56	9 24
7	Tu	22 59 10	16 33 4	5 19 26	58	2 0	17 33	9 22
8	W	23 3 7	17 32 59	4 55 11	f 9	3 7	19 3	9 20
9	Th	23 7 3	18 32 52	4 32 25	14	4 1	19 22	9 18
10	F	23 11 0	19 32 44	4 9 9	w 12	4 41	18 29	9 16
11	S	23 14 56	20 32 34	3 45 23	1	5 4	16 30	9 14
12	S	23 18 53	21 32 22	3 21 6	m 41	5 9	13 38	9 12
13	M	23 22 50	22 32 9	2 58 20	10	4 57	10 5	9 10
14	Tu	23 26 46	23 31 54	2 34 3	26	4 29	6 4	9 8
15	W	23 30 43	24 31 37	2 11 16	29	3 48	1 51	9 6
16	Th	23 34 39	25 31 18	1 47 29	16	2 55	2 N 23	9 14
17	F	23 38 36	26 30 57	1 23 11	r 49	1 55	6 27	9 12
18	S	23 42 32	27 30 38	0 59 24	7	0 51	10 9	9 10
19	S	23 46 29	28 30 8	0 36 6	13	0 S 15	13 22	9 8
20	M	23 50 25	29 29 40	0 12 18	9	1 20	15 55	9 6
21	Tu	23 54 22	0 r 29 10	0 N 12	29 59	2 20	17 53	9 4
22	W	23 58 19	1 28 38	0 35 11	47	3 15	19 0	9 2
23	Th	0 2 15	2 28 4	0 59 23	38	4 1	19 18	9 0
24	F	0 6 12	3 27 27	1 23 5	38	4 38	18 43	8 58
25	S	0 10 8	4 26 47	1 46 17	50	5 2	17 17	8 56
26	S	0 14 5	5 26 6	2 10 0	Ω 19	5 14	15 0	8 54
27	M	0 18 1	6 25 22	2 33 18	10	5 10	11 56	8 52
28	Tu	0 21 58	7 24 35	2 57 26	25	4 49	8 11	8 50
29	W	0 25 54	8 23 47	3 20 10	w 4	4 12	3 55	8 48
30	Th	0 29 51	9 22 56	3 43 24	6	3 19	0 S 42	8 46
31	F	0 33 48	10 22 4	4 7 8	28	2 12	5 23	8 44

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	2 N47	7 S54	1 N37	11 N39	3 N37	1 S32	6m 1
4	2 48	7 52	1 53	13 1	3 40	2 31	5 51
7	2 48	7 49	2 9	14 23	3 26	3 53	5 42
10	2 49	7 42	2 25	15 39	2 56	5 22	5 32
13	2 49	7 36	2 41	16 57	2 16	6 44	5 23
16	2 48	7 25	2 57	18 9	1 32	7 50	5 13
19	2 47	7 14	3 13	19 16	0 47	8 36	5 4
22	2 45	7 0	3 30	20 20	0 6	9 0	4 54
25	2 43	6 43	3 43	21 21	0 S32	9 3	4 45
28	2 41	6 26	3 58	22 16	1 5	8 48	4 35
31	2 39	6 8	4 13	23 9	1 33	8 15	4 26

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♀
1	3 f 44	26 x	4 27	14	26 r 15	17 x 43								
2	3 45	26	18 27	R 14	27	18 16	R 57	♀ ♂ ♂	♂ *	□		*	Δ	♂
3	3 46	26	32 27	13 28	21 16	3				*	♂			
4	3 47	26	47 27	11 29	24 15	2								
5	3 48	27	1 27	9	0 27	14	1	☉ ☉ ♀				♂	♂	
6	3 49	27	15 27	7	1 30	13	1		Δ	♂				Δ
7	3 50	27	30 27	4	2 33	12	3			♂	Δ			
8	3 50	27	44 26	59	3 35	11	6		□					□
9	3 51	27	59 26	54	4 36	10	11					□	*	
10	3 51	28	13 26	48	5 37	9	19	♀ Δ ☿	*				Δ	*
11	3 51	28	28 26	41	6 38	8	32		*			□		
12	3 51	28	42 26	34	7 39	7	52	♀ * ♀		□	*	*	□	
13	3 R 51	28	57 26	26	8 40	7	18						Δ	
14	3 51	29	11 26	18	9 39	6	50	♀ ♂ ☿		Δ	□		*	♂
15	3 51	29	26 26	9	10 38	6	27							
16	3 51	29	40 25	59	11 37	6	9		♂		Δ	♂		
17	3 51	29	55 25	48	12 35	5	59							
18	3 50	0 r	9 25	35	13 33	5	D 56					♂		
19	3 50	0	24 25	21	14 31	5	59		♂					*
20	3 49	0	38 25	7	15 28	6	7						♂	
21	3 48	0	53 24	62	16 24	6	20	☉ ☉ ♀	*		♂	*		□
22	3 47	1	8 24	37	17 20	6	39							
23	3 46	1	22 24	22	18 15	7	3					□	Δ	
24	3 45	1	37 24	6	19 9	7	31	☉ Δ ♀	□	Δ				Δ
25	3 44	1	52 23	49	20 3	8	3					Δ	□	*
26	3 43	2	6 23	32	20 56	8	39		Δ		Δ			
27	3 41	2	20 23	14	21 48	9	20	♀ Δ ☿		□				
28	3 40	2	35 22	55	22 39	10	5					*	□	
29	3 39	2	49 22	36	23 30	10	53			*	□			♂
30	3 38	3	3 22	16	24 20	11	44				♂		Δ	
31	3 36	3	17 21	55	25 10	12	88		♂	*				

APRIL XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 28	13 S 58	2 N 8	18 S 48	1 S 6	0 N 24
4	16	0	0 28	13 56	2 8	18 46	1 6	0 41
7	15	59	0 28	13 54	2 9	18 45	1 6	0 59
10	15	58	0 28	13 51	2 9	18 43	1 6	1 16
13	15	58	0 28	13 48	2 10	18 41	1 6	1 32
16	15	57	0 28	13 46	2 10	18 39	1 6	1 48
19	15	56	0 28	13 44	2 10	18 36	1 6	2 5
22	15	56	0 28	13 43	2 10	18 34	1 6	2 22
25	15	55	0 28	13 40	2 11	18 32	1 7	2 38
28	15	54	0 28	13 38	2 11	18 30	1 7	2 54

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	0 37 44	11 21 9	4 N 30	23 4	0 S 55	9 S 50	8 m 43
2	S	0 41 41	12 20 12	4 53	7 m 48	0 N 26	13 43	8 41
3	M	0 45 37	13 19 14	5 16	22 32	1 45	16 44	8 36
4	Tu	0 49 34	14 18 13	5 39	7 11	2 57	18 37	8 36
5	W	0 53 30	15 17 10	6 2	21 39	3 57	19 15	8 34
6	Th	0 57 27	16 16 7	6 24	5 w 53	4 42	18 39	8 31
7	F	1 1 23	17 15 1	6 47	19 51	5 8	16 55	8 29
8	S	1 5 20	18 13 53	7 9	3 m 38	5 16	14 15	8 27
9	S	1 9 17	19 12 44	7 32	16 57	5 7	10 53	8 24
10	M	1 13 13	20 11 33	7 54	0 x 6	4 42	7 2	8 22
11	Tu	1 17 10	21 10 21	8 16	13 0	4 3	2 56	8 20
12	W	1 21 6	22 9 7	8 38	25 40	3 13	1 N 14	8 18
13	Th	1 25 3	23 7 50	9 0	8 r 8	2 14	5 17	8 16
14	F	1 28 59	24 6 33	9 22	20 24	1 10	9 3	8 13
15	S	1 32 56	25 5 15	9 43	2 5 31	0 3	12 24	8 11
16	S	1 36 52	26 3 50	10 4	14 29	1 S 3	15 12	8 8
17	M	1 40 49	27 2 27	10 26	26 22	2 6	17 19	8 6
18	Tu	1 44 45	28 1 10	10 47	8 10	3 3	18 41	8 3
19	W	1 48 42	28 59 32	11 8	19 59	3 52	19 13	8 1
20	Th	1 52 39	29 58 21	11 28	1 5 51	4 31	18 55	7 59
21	F	1 56 35	0 56 30	11 49	13 49	5 0	17 46	7 56
22	S	2 0 31	1 54 55	12 9	26 0	5 16	15 48	7 54
23	S	2 4 28	2 53 19	12 29	8 27	5 17	13 4	7 51
24	M	2 8 24	3 51 39	12 49	21 18	5 2	9 40	7 48
25	Tu	2 12 20	4 49 58	13 9	4 m 24	4 32	5 41	7 46
26	W	2 16 17	5 48 15	13 28	18 0	3 46	1 17	7 43
27	Th	2 20 13	6 46 30	13 47	2 3	2 44	3 S 20	7 41
28	F	2 24 9	7 44 43	14 6	16 31	1 31	7 54	7 38
29	S	2 28 5	8 42 55	14 25	1 m 19	0 10	12 6	7 36
30	S	2 32 1	9 41 44	14 44	16 20	1 N 13	15 35	7 33

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	2 N 36	6 S 1	4 N 16	23 N 25	1 S 41	8 S 0	4 m 23
4	2 31	5 40	4 28	24 7	2 2	7 7	4 13
7	2 26	5 20	4 40	24 51	2 18	5 59	4 4
10	2 21	5 0	4 50	25 28	2 29	4 38	3 54
13	2 15	4 38	5 0	25 58	2 36	3 6	3 45
16	2 8	4 19	5 6	26 22	2 38	1 22	3 35
19	2 1	4 0	5 13	26 45	2 34	0 N 32	3 26
22	1 53	3 45	5 15	26 58	2 27	2 35	3 16
25	1 45	3 28	5 16	27 10	2 14	4 47	3 7
28	1 37	3 13	5 13	27 12	1 57	7 5	2 57

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
1	3 f 34	3 r 32	21 34	26 0	13 x 36	4 Δ h							
2	3 R 32	3 46	21 R 18	26 48	14 34			♂					Δ
3	3 30	4 120	51 27	35 15	37							♂	
4	3 28	4 15	20 29	28 21	16 44				♂	Δ			
5	3 26	4 30	20 7	29 6	17 58			Δ			*		□
6	3 24	4 44	19 45	29 50	19 3				*		□		
7	3 21	4 59	19 23	0 84	20 15			□				□	*
8	3 19	5 13	19 0	1 16	21 29				□	*	*		Δ
9	3 16	5 28	18 37	1 57	22 46	☉ ♂ ♂	*					Δ	
10	3 14	5 42	18 14	2 37	24 5				□			□	
11	3 11	5 57	17 51	3 16	25 26	♀ ♂ h		Δ					♂
12	3 9	6 11	17 28	3 54	26 48								
13	3 6	6 25	17 4	4 32	28 12					Δ	♂	*	
14	3 3	6 39	16 41	5 7	29 38			♂				♂	
15	3 0	6 53	16 18	5 40	1 r 6				♂				
16	2 57	7 8	15 58	6 12	2 37	♀ Δ h							
17	2 54	7 22	15 34	6 43	4 9								
18	2 51	7 36	15 12	7 13	5 42	♀ * ♀				♂	*		♂
19	2 47	7 50	14 51	7 42	7 17	♀ ♂ ♀						Δ	*
20	2 44	8 4	14 30	8 6	8 54	♀ * ♀	*						
21	2 40	8 18	14 10	8 29	10 33				Δ		□	□	□
22	2 37	8 32	13 50	8 52	12 13			□					
23	2 33	8 46	13 31	9 13	13 55	♀ ♂ ♂			□	Δ	Δ	*	Δ
24	2 30	9 0	13 11	9 33	15 39								
25	2 26	9 13	12 52	9 53	17 25			Δ	*	□		□	
26	2 23	9 27	12 34	10 8	19 12								
27	2 19	9 41	12 16	10 21	21 1					*			
28	2 16	9 54	11 59	10 32	22 51	☉ ♂ h					♂	♂	♂
29	2 12	10 8	11 43	10 41	24 43				♂				
30	2 8	10 22	11 27	10 48	26 38			♂					

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 28	18 S 35	2 N 12	18 S 27	1 S 7	3 N 10
4	15	54	0 28	18 32	2 12	18 25	1 7	3 26
7	15	53	0 28	18 29	2 11	18 23	1 8	3 41
10	15	52	0 28	18 27	2 11	18 20	1 8	3 57
13	15	51	0 28	18 25	2 11	18 17	1 9	4 10
16	15	51	0 28	18 23	2 11	18 14	1 9	4 25
19	15	50	0 28	18 21	2 11	18 12	1 9	4 39
22	15	50	0 28	18 19	2 11	18 10	1 9	4 53
25	15	49	0 28	18 17	2 10	18 7	1 10	5 6
28	15	49	0 28	18 15	2 10	18 4	1 10	5 19
31	15	48	0 28	18 13	2 10	18 1	1 10	5 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	M	2 35 58	10 33 39	12 15 N 2	1 7 26	2 N 31	18 S 0	7 m 31
2	Tu	2 39 54	11 37 18	15 20 16	28 3 38	19 9	7 12	7 12
3	W	2 48 50	12 35 23	15 38 1	17 18 4	30 18	57 7	7 27
4	Th	2 47 47	13 33 26	15 55 15	49 5 31	7 31	7 24	7 24
5	F	2 51 44	14 31 28	16 18 29	57 5 17	15 1	7 22	7 22
6	S	2 55 40	15 29 28	16 30 13	42 5 12	11 45	7 20	7 20
7	S	2 59 37	16 27 28	16 46 27	2 4 50	7 58	7 17	7 17
8	M	3 3 33	17 25 26	17 31 10	2 4 14	3 54	7 15	7 15
9	Tu	3 7 30	18 23 22	17 19 22	42 3 26	0 N 15	7 12	7 12
10	W	3 11 26	19 21 18	17 35 5	7 2 29	4 19	7 9	7 9
11	Th	3 15 23	20 19 12	17 51 17	20 1 26	8 9	7 6	7 6
12	F	3 19 19	21 17 5	18 6 29	23 0 21	11 35	7 3	7 3
13	S	3 23 16	22 14 57	18 21 11	19 0 8	45 14	32 7	7 1
14	S	3 27 18	23 12 47	18 36 23	11 1 48	16 50	6 58	6 58
15	M	3 31 9	24 10 36	18 50 5	0 2 47	18 25	6 56	6 56
16	Tu	3 35 6	25 8 23	19 4 16	49 3 38	19 11	6 54	6 54
17	W	3 39 2	26 6 9	19 18 28	39 4 20	19 7	6 51	6 51
18	Th	3 42 59	27 3 54	19 31 10	34 4 51	18 13	6 48	6 48
19	F	3 46 55	28 1 37	19 44 22	36 5 9	16 29	6 46	6 46
20	S	3 50 52	28 59 18	19 57 4	48 5 14	14 0	6 44	6 44
21	S	3 54 48	29 56 57	20 10 17	14 5 4	10 51	6 42	6 42
22	M	3 58 45	0 54 36	20 22 29	58 4 40	7 8	6 40	6 40
23	Tu	4 2 42	1 52 12	20 33 13	2 4 0	2 58	6 37	6 37
24	W	4 6 38	2 49 47	20 45 26	30 3 6	18 27	6 35	6 35
25	Th	4 10 35	3 47 21	20 56 10	25 2 0	5 58	6 33	6 33
26	F	4 14 31	4 44 53	21 6 24	46 0 44	10 17	6 31	6 31
27	S	4 18 28	5 42 24	21 17 9	31 0 N 37	14 6	6 28	6 28
28	S	4 22 24	6 39 54	21 27 24	35 1 56	17 3	6 26	6 26
29	M	4 26 21	7 37 23	21 36 9	7 49 8	18 50	6 24	6 24
30	Tu	4 30 17	8 34 50	21 45 25	4 4 7	19 15	6 22	6 22
31	W	4 34 14	9 32 17	21 54 10	9 4 48	18 17	6 20	6 20

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	1 N 30	3 8 4	5 N 8	27 N 11	1 S 35	9 N 29	2 m 48
4	1 22	2 56	4 58	26 58	1 9	11 57	2 38
7	1 13	2 49	4 43	26 42	0 41	14 25	2 28
10	1 5	2 47	4 17	26 12	0 10	16 48	2 19
13	0 58	2 46	3 58	25 41	0 N 21	19 8	2 9
16	0 50	2 48	3 25	24 56	0 52	21 4	2 0
19	0 43	2 52	2 53	24 6	1 19	22 44	1 50
22	0 36	3 0	2 18	23 6	1 41	24 3	1 41
25	0 29	3 10	1 33	22 5	1 58	24 57	1 31
28	0 22	3 24	0 51	21 4	2 8	25 28	1 22
31	0 15	3 39	0 7	21 59	2 10	25 38	1 12

D M	♂		♀		Mutual Aspects.	Lunar Aspects.							
	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂	♀
	°	'	°	'	°	'	°	'	°	'	°	'	°
1	2 7	4 10	1 35	11 12	10 58	28 34	♀ * ♄		♂				
2	2 0	10 49	10 57	10 56	0 8	31	♂ ♀ ♄			Δ	*	♂	
3	1 56	11 21	10 43	10 57	2 30		♀ Δ ♂		*				Δ
4	1 52	11 16	10 30	10 55	4 32			Δ			□	□	
5	1 48	11 29	10 18	10 50	6 35		♂ ♀ ☿		*				
6	1 44	11 42	10 7	10 42	8 39			□	□	*	Δ	Δ	□
7	1 39	11 55	9 57	10 29	10 45				□				
8	1 35	12 8	9 48	10 14	12 52			Δ				□	*
9	1 31	12 21	9 39	9 57	15 0		*						
10	1 26	12 34	9 31	9 38	17 9				Δ		♂	*	
11	1 22	12 47	9 24	9 19	19 19					♂			
12	1 18	13 0	9 17	8 56	21 30	☉ ♂ ♀			♂				
13	1 13	13 18	9 11	8 40	23 41				♂				
14	1 9	13 26	9 6	8 12	25 52			♂					♂
15	1 5	13 39	9 2	7 48	28 8					♂		Δ	♂
16	1 0	13 51	8 59	7 18	0 14	♀ ♀ ♄				*			
17	0 56	14 4	8 57	6 42	2 24								
18	0 52	14 17	8 55	6 10	4 33			Δ			□	□	
19	0 47	14 29	8 54	5 37	6 41	♀ ♂ ♀							
20	0 43	14 41	8 54	5 3	8 47	♀ Δ ♂	*	□	Δ		*	*	*
21	0 38	14 53	8 54	4 28	10 51						Δ		
22	0 34	15 5	8 55	3 52	12 54	☉ ♀ ♄	□		□			□	
23	0 29	15 17	8 57	3 15	14 55	♀ * ♄		*		*			□
24	0 25	15 29	9 0	2 36	16 53	☉ ♂ ♀	Δ		*			♂	Δ
25	0 20	15 41	9 5	1 56	18 48						♂	♂	
26	0 16	15 53	9 10	1 18	20 41								Δ
27	0 11	16 5	9 15	0 41	22 31			♂		♂			
28	0 7	16 17	9 21	0 5	24 19	♀ ♀ ♄		♂				♂	
29	0 2	16 28	9 28	29 8	30 26			♂			Δ	*	
30	29 m 58	16 40	9 35	28 56	27 46								♂
31	29 53	16 52	9 43	28 24	29 26	☉ Δ ♂	*			□	□		

JUNE XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15 48		0 N 28	13 S 12	2 N 10	18 S 1	1 S 11	5 N 36
4	15 48		0 28	13 10	2 10	17 59	1 11	5 49
7	15 47		0 28	13 8	2 9	17 56	1 12	6 1
10	15 47		0 28	13 6	2 9	17 54	1 12	6 12
13	15 46		0 27	13 5	2 8	17 52	1 13	6 23
16	15 46		0 27	13 4	2 8	17 50	1 14	6 34
19	15 46		0 27	13 3	2 7	17 48	1 15	6 44
22	15 46		0 27	13 2	2 7	17 46	1 15	6 54
25	15 46		0 27	13 1	2 6	17 44	1 16	7 3
28	15 45		0 27	13 0	2 6	17 42	1 16	7 12

D M	D W	Siderea' Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	4 38 11	10 29 43	22 N 3	24 45 55	5 N 8	16 S 6	6 19
2	F	4 42 7	11 27 8	22 11	9 16	5 9	12 59	6 17
3	S	4 46 4	12 24 32	22 18	23 9	4 51	9 14	6 15
4	S	4 50 0	13 21 56	22 26	6 34	4 18	5 7	6 13
5	M	4 53 57	14 19 20	22 32	19 32	3 32	0 54	6 12
6	Tu	4 57 53	15 16 43	22 39	2 8	2 37	3 N 15	6 10
7	W	5 1 50	16 14 52	22 45	14 26	1 36	7 10	6 8
8	Th	5 5 46	17 11 27	22 51	26 31	0 32	10 44	6 7
9	F	5 9 43	18 8 49	22 56	8 27	0 32	13 49	6 5
10	S	5 13 40	19 6 10	23 1	20 17	1 35	16 18	6 3
11	S	5 17 36	20 3 30	23 5	2 5	2 33	18 6	6 1
12	M	5 21 33	21 0 50	23 9	13 53	3 25	19 6	5 59
13	Tu	5 25 29	21 58 9	23 13	25 45	4 7	19 16	5 58
14	W	5 29 26	22 55 28	23 16	7 41	4 39	18 35	5 56
15	Th	5 33 22	23 52 46	23 19	19 43	4 59	17 4	5 54
16	F	5 37 19	24 50 3	23 22	1 53	5 6	14 47	5 53
17	S	5 41 15	25 47 20	23 24	14 12	4 59	11 49	5 52
18	S	5 45 12	26 44 36	23 25	26 43	4 37	8 17	5 51
19	M	5 49 9	27 41 51	23 27	9 28	4 1	4 18	5 50
20	Tu	5 53 6	28 39 6	23 27	22 30	3 12	0 2	5 48
21	W	5 57 3	29 36 19	23 28	5 53	2 12	4 8	5 47
22	Th	6 0 0	30 33 33	23 28	19 38	1 2	8 39	5 46
23	F	6 4 57	1 30 45	23 27	3 47	0 N 13	12 35	5 45
24	S	6 8 53	2 27 57	23 26	18 19	1 30	15 51	5 44
25	S	6 12 50	3 25 8	23 25	3 12	2 42	18 10	5 43
26	M	6 16 47	4 22 20	23 23	18 18	3 43	19 14	5 42
27	Tu	6 20 43	5 19 31	23 21	3 29	4 30	18 55	5 41
28	W	6 24 40	6 16 41	23 19	18 35	4 57	17 16	5 40
29	Th	6 28 37	7 13 52	23 16	3 23	5 3	14 29	5 39
30	F	6 32 34	8 11 3	23 13	17 53	4 50	10 53	5 38

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 14	3 S 42	0 S 6	19 N 36	2 N 9	25 N 37	1 m 9
4	0 8	4 0	0 40	18 42	2 3	25 23	0 59
7	0 2	4 18	1 23	17 48	1 49	24 55	0 50
10	0 S 6	4 40	1 52	17 13	1 29	24 16	0 40
13	0 9	5 2	2 24	16 34	1 3	23 28	0 31
16	0 13	5 27	2 43	16 8	0 30	22 35	0 21
19	0 18	5 52	3 10	15 55	0 S 8	21 39	0 12
22	0 22	6 20	3 25	15 50	0 50	20 43	0 2
25	0 27	6 48	3 41	15 47	1 36	19 49	29 58
28	0 31	7 18	3 48	15 54	2 24	19 1	29 43

D M	h ₂ Long.	♈ Long.	♉ Long.	♊ Long.	♋ Long.	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♈	♉	♊	♋	♌	♍
1	29 m 48	17 r 3	9 51	27 52	1 5 3				*				Δ	
2	29 B 44	17 14	10 0	27 B 25	2 38		Δ	□					Δ	
3	29 40	17 25	10 26	59 4	9				□	*			□	
4	29 35	17 36	10 26	34 5	36				Δ					Δ
5	29 31	17 47	10 31	26 11	7	0 ♀ Δ ♀	□							
6	29 27	17 58	10 43	25 50	8 22					Δ			*	
7	29 23	18 9	10 56	25 27	9 42		*			♈	♉		□	
8	29 18	18 20	11 9	25 13	10 59	♀ □ ♀								
9	29 14	18 30	11 23	25 1	12 12	☉ * ♀		♈						*
10	29 10	18 41	11 37	24 52	13 22								♈	
11	29 8	18 51	11 52	24 43	14 29				♈					
12	29 2	19 1	12 7	24 39	15 32						*	Δ		
13	28 58	19 11	12 23	24 27	16 31		♈							
14	28 54	19 21	12 39	24 24	17 27			Δ						
15	28 50	19 31	12 56	24 D 23	18 20						□	□	*	♈
16	28 46	19 41	13 13	24 25	19 10				□	Δ				
17	28 43	19 51	13 31	24 30	19 56	♀ □ ♀			*		Δ	*		
18	28 39	20 1	13 49	24 37	20 38			*		□			□	
19	28 36	20 10	14 8	24 50	21 16				*					
20	28 32	20 19	14 27	25 2	21 50			□		*			Δ	*
21	28 29	20 28	14 47	25 17	22 20									
22	28 25	20 37	15 8	25 34	22 45						♈	♈	□	
23	28 22	20 46	15 29	25 53	23 6			Δ	♈					
24	28 18	20 55	15 50	26 14	23 22									Δ
25	28 15	21 4	16 11	26 27	23 34					♈			♈	
26	28 12	21 11	16 33	26 49	23 41							Δ	*	
27	28 9	21 21	16 55	27 13	23 B 44	☉ Δ ♀	♈	♈	*					
28	28 6	21 29	17 18	27 39	23 42							□	□	♈
29	28 3	21 37	17 41	28 7	23 36	♀ ♈ ♀			□	*				Δ
30	28 0	21 45	18 5	28 36	23 25						*	Δ		

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 27	13 S 0	2 N 5	17 S 42	1 S 17	7 N 20
4	15	45	0 27	12 59	2 5	17 41	1 17	7 28
7	15	45	0 27	12 59	2 4	17 40	1 18	7 36
10	15	46	0 27	12 58	2 3	17 39	1 19	7 42
13	15	46	0 27	12 58	2 2	17 38	1 20	7 49
16	15	46	0 27	12 58	2 2	17 38	1 20	7 54
19	15	46	0 27	12 59	2 1	17 37	1 21	7 57
22	15	46	0 26	12 59	2 1	17 37	1 22	8 4
25	15	47	0 26	13 0	2 0	17 37	1 23	8 8
28	15	47	0 26	13 0	2 0	17 37	1 23	8 12
31	15	47	0 26	13 1	1 59	17 38	1 24	8 14

D M	D W	Sidercal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	S	6 36 31	95 8 14	23 N 9	1 53	4 N 20	6 S 46	5 m 38
2	S	6 40 27	10 5 25	23 5 15	23 3 35	2 27	5 R 37	
3	M	6 44 24	11 2 36	23 0 28	25 2 41	1 N 50	5 37	
4	Tu	6 48 20	11 59 48	22 55 11	2 1 41	5 55	5 36	
5	W	6 52 17	12 57 0	22 50 23	19 0 37	9 39	5 36	
6	Th	6 56 14	13 54 12	22 44 58	22 0 S 26	12 54	5 36	
7	F	7 0 10	14 51 25	22 38 17	15 1 29	15 35	5 35	
8	S	7 4 7	15 48 38	22 31 29	4 2 26	17 35	5 35	
9	S	7 8 8	16 45 52	22 25 10	Π 52	3 17	18 50	5 35
10	M	7 12 0	17 43 6	22 17 22	43 4 0	19 16	5 34	
11	Tu	7 15 56	18 40 21	22 10 45	39 4 32	18 51	5 34	
12	W	7 19 53	19 37 36	22 1 16	44 4 58	17 34	5 34	
13	Th	7 23 49	20 34 51	21 53 28	56 5 0	15 29	5 34	
14	F	7 27 46	21 32 6	21 44 11	Ω 19	4 54	12 41	5 34
15	S	7 31 43	22 29 22	21 35 23	51 4 38	9 17	5 34	
16	S	7 35 39	23 26 38	21 25 16	34 3 59	5 25	5 D 34	
17	M	7 39 36	24 23 55	21 16 19	30 3 11	1 14	5 34	
18	Tu	7 43 32	25 21 11	21 5 2	38 2 18	3 5	5 35	
19	W	7 47 29	26 18 28	20 55 16	2 1 6	7 20	5 35	
20	Th	7 51 25	27 15 45	20 44 29	43 0 N 6	11 18	5 35	
21	F	7 55 22	28 13 2	20 32 18	m 42	1 19	14 43	5 35
22	S	7 59 18	29 10 19	20 21 28	0 2 28	17 19	5 36	
23	S	8 3 15	0 Ω 7	20 9 12	† 34	3 30	18 51	5 36
24	M	8 7 12	1 4 55	19 56 27	22 4 18	19 8	5 37	
25	Tu	8 11 8	2 2 14	19 43 12	w 15	4 49	18 6	5 37
26	W	8 15 5	2 59 33	19 30 27	7 5 0	15 50	5 38	
27	Th	8 19 1	3 56 53	19 17 11	m 47	4 52	12 35	5 38
28	F	8 22 58	4 54 14	19 3 26	9 4 25	8 39	5 39	
29	S	8 26 54	5 51 36	18 49 10	× 6	3 43	4 21	5 40
30	S	8 30 51	6 48 59	18 35 23	36 2 49	0 N 3	5 41	
31	M	8 34 47	7 46 23	18 21 6	r 40	1 48	4 18	5 42

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 8 35	7 8 48	4 8 0	16 N 4	8 S 10	18 N 21	29 Δ 34
4	0 8 39	8 20	4 6	16 20	8 52	17 51	29 24
7	0 43	8 52	4 8	16 39	4 25	17 33	29 15
10	0 46	9 26	4 9	17 1	4 47	17 27	29 5
13	0 49	10 0	4 8	17 23	4 54	17 34	28 56
16	0 52	10 35	4 6	17 47	4 47	17 52	28 46
19	0 56	11 9	4 1	18 12	4 25	18 20	28 36
22	0 58	11 44	3 55	18 38	3 53	18 53	28 27
25	1 1	12 20	3 49	19 0	3 13	19 29	28 17
28	1 3	12 55	3 41	19 23	2 28	20 3	28 8
31	1 6	13 34	3 33	19 42	1 42	20 31	27 58

D M	\odot	\uparrow	δ	ζ	ψ	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		\odot	\uparrow	δ	ζ	ψ	δ	ζ
	°	'	°	'	°	'							
1	27 58	21 53	18 30	29 8	6 23	5 9		Δ					
2	27 55	22 0	18 55	29 38	22 52		Δ						
3	27 52	22 8	19 20	0 11	22 29	ψ \square \uparrow			Δ			*	Δ
4	27 50	22 15	19 46	0 46	21 59		\square						
5	27 47	22 23	20 11	1 22	21 27				δ	δ			\square
6	27 44	22 30	20 36	1 59	20 54	ψ \square δ		δ					
7	27 42	22 37	21 2	2 37	20 20		*						*
8	27 40	22 44	21 29	3 16	19 44				δ			δ	
9	27 38	22 50	21 56	3 56	19 6								
10	27 36	22 57	22 23	4 37	18 25	\odot δ ψ				*	Δ		
11	27 34	23 3	22 50	5 19	17 45			Δ					
12	27 32	23 9	23 17	6 8	17 7	δ δ \uparrow	δ						δ
13	27 31	23 15	23 45	6 48	16 32				Δ	\square	\square		
14	27 29	23 21	24 14	7 34	16 9	.	\square					*	
15	27 28	23 26	24 43	8 20	15 38			\square	Δ	*			
16	27 26	23 32	25 12	9 7	14 58	\odot \square \uparrow		*				\square	*
17	27 25	23 37	25 41	9 54	14 32			*					*
18	27 23	23 43	26 10	10 42	14 12				*				
19	27 22	23 48	26 40	11 30	13 58	\odot \square δ						Δ	\square
20	27 21	23 53	27 10	12 20	13 49	\odot Δ δ	\square	δ		δ	δ		
21	27 20	23 57	27 40	13 10	13 45								Δ
22	27 19	24 2	28 11	14 1	13 45		Δ		δ				
23	27 18	24 6	28 41	14 53	13 51							δ	
24	27 17	24 11	29 12	15 46	14 4					Δ	*		
25	27 16	24 15	29 43	16 40	14 24			*					δ
26	27 15	24 19	0 14	17 33	14 50			δ		*	\square	\square	
27	27 14	24 22	0 46	18 27	15 21				\square			Δ	
28	27 14	24 25	1 18	19 22	15 58					\square	*	Δ	
29	27 13	24 29	1 50	20 17	16 41	\odot \square \uparrow		Δ					
30	27 13	24 32	2 23	21 12	17 30				Δ			\square	Δ
31	27 13	24 35	2 56	22 8	18 26		Δ						

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 26	13 S 2	1 N 58	17 S 38	1 S 25	8 N
4	15	47	0 26	13 8	1 58	17 39	1 25	8
7	15	48	0 26	13 4	1 57	17 40	1 26	8
10	15	48	0 26	13 6	1 56	17 42	1 27	8
13	15	49	0 26	13 7	1 55	17 43	1 28	8
16	15	49	0 26	13 9	1 55	17 44	1 28	8
19	15	50	0 26	13 11	1 54	17 46	1 29	8
22	15	50	0 25	13 12	1 53	17 48	1 30	8
25	15	51	0 25	13 14	1 53	17 51	1 30	8
28	15	51	0 25	13 16	1 52	17 53	1 31	8
31	15	52	0 25	13 18	1 52	17 58	1 31	8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin	H Lon
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	Tu	8 38 44	8 24 43	47 18	N 6 19	19 0 N	43 8 N	14 5
2	W	8 42 41	9 41 14	17 50	1 38	08 22	11 43	5
3	Th	8 46 37	10 38 41	17 35	13 42	1 25	14 37	5
4	F	8 50 34	11 36 10	17 19	25 37	2 24	16 51	5
5	S	8 54 30	12 33 40	17 8	7 26	3 15	18 22	5
6	S	8 58 27	13 31 11	16 47	19 16	3 59	19 4	5
7	M	9 2 23	14 28 44	16 30	1 11	4 32	18 56	5
8	Tu	9 6 20	15 26 18	16 13	13 13	4 53	17 56	5
9	W	9 10 16	16 23 54	15 56	25 27	5 21	16 7	5
10	Th	9 14 13	17 21 30	15 39	7 52	4 56	13 33	5
11	F	9 18 10	18 19 8	15 21	20 30	4 36	10 18	5
12	S	9 22 6	19 16 47	15 8	3 20	4 2	6 32	5
13	S	9 26 3	20 14 28	14 45	16 22	3 14	2 24	5
14	M	9 29 59	21 12 9	14 27	29 35	2 16	1 55	5
15	Tu	9 33 56	22 9 51	14 8	13 0	1 9	6 12	5
16	W	9 37 52	23 7 35	13 49	26 35	0 N 3	10 13	6
17	Th	9 41 49	24 5 19	13 30	10 21	1 16	13 44	6
18	F	9 45 45	25 3 5	13 11	24 19	2 25	16 31	6
19	S	9 49 42	26 0 52	12 52	8 28	3 27	18 20	6
20	S	9 53 39	26 58 39	12 32	22 47	4 16	19 0	6
21	M	9 57 35	27 56 28	12 12	7 12	4 49	18 27	6
22	Tu	10 1 32	28 54 18	11 52	21 41	5 5	16 42	6
23	W	10 5 28	29 52 10	11 32	6 8	5 0	13 54	6
24	Th	10 9 25	0 50 2	11 11	20 25	4 37	10 18	6
25	F	10 13 21	1 47 57	10 51	4 29	3 58	6 11	6
26	S	10 17 18	2 45 53	10 30	18 13	3 5	1 50	6
27	S	10 21 14	3 43 50	10 9	1 35	2 3	2 N 31	6
28	M	10 25 10	4 41 49	9 48	14 34	0 56	6 37	6
29	Tu	10 29 6	5 39 50	9 27	27 12	0 8	11 10	6
30	W	10 33 2	6 37 52	9 5	9 32	1 17	13 27	6
31	Th	10 36 58	7 35 57	8 44	21 37	2 18	16 57	6

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 7	18 S 44	3 S 30	19 N 47	1 S 26	20 N 38	27 ♄ 55
4	1 9	14 20	3 20	20 6	0 41	20 49	27 ♄ 5
7	1 11	14 58	3 10	20 18	0 N 1	20 42	27 ♄ 36
10	1 13	15 32	2 59	20 37	0 37	20 13	27 ♄ 26
13	1 15	16 8	2 47	20 36	1 6	19 20	27 ♄ 17
16	1 17	16 43	2 35	20 37	1 27	18 4	27 ♄ 7
19	1 19	17 18	2 22	20 38	1 40	16 27	26 ♄ 58
22	1 21	17 52	2 10	20 31	1 46	14 33	26 ♄ 48
25	1 22	18 26	1 57	20 23	1 45	12 28	26 ♄ 39
28	1 24	18 58	1 46	20 7	1 39	10 15	26 ♄ 29
31	1 25	19 30	1 31	19 48	1 28	7 57	26 ♄ 20

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	♂	♂	♂	♂	♀	♀
	° /	° /	° /	° /								
1	27 13 24	38 3	29 23	11 4	19 27				♂		*	□
2	27 13 24	40 4	2 24	1 20	31			♂				
3	27 13 24	42 4	36 24	59 21	43	♀ * ♀	□			♂		
4	27 13 24	44 5	9 25	57 23	4			♂				*
5	27 14 24	46 5	43 26	56 24	20	♀ □ ♀	*					
6	27 14 24	48 6	17 27	54 25	57	♂ ♂ ♀				*		
7	27 15 24	50 6	51 28	53 27	27	♀ Δ ♀		Δ			♂	
8	27 16 24	51 7	26 29	53 29	2							
9	27 17 24	52 8	1 0	53 0	43			Δ	□			♂
10	27 18 24	53 8	36 1	54 2	29		□			□		
11	27 19 24	54 9	11 2	54 4	17		♂			Δ		
12	27 20 24	55 9	46 3	54 6	8	♀ □ ♀		*	□		*	
13	27 20 24	55 10	21 4	55 8	1						*	
14	27 21 24	55 10	57 5	56 9	56	♀ □ ♂			*		□	
15	27 22 24	55 11	33 6	58 11	53	♀ Δ ♀						*
16	27 24 24	55 12	9 8	0 13	53		*			♂		
17	27 25 24	54 12	45 9	3 15	53			♂		♂	Δ	□
18	27 27 24	54 13	21 10	6 17	53	☉ Δ ♀	□		♂			
19	27 29 24	53 13	57 11	9 19	53							
20	27 31 24	52 14	34 12	12 21	54		Δ			Δ		Δ
21	27 33 24	51 15	11 13	16 23	54	☉ □ ♀		*			♂	
22	27 35 24	49 15	48 14	20 25	54	♀ Δ ♀			*	□	*	
23	27 37 24	48 16	25 15	24 27	53	♀ □ ♀		□				
24	27 39 24	46 17	2 16	28 29	52					*	□	
25	27 42 24	44 17	40 17	32 1	50	☉ ♂ ♀	♂	Δ				♂
26	27 44 24	41 18	18 18	37 3	47	♀ Δ ♂					Δ	Δ
27	27 47 24	39 18	56 19	42 5	43	♀ * ♀			Δ			
28	27 49 24	36 19	34 20	47 7	38							
29	27 52 24	34 20	12 21	53 9	32					♂		□
30	27 55 24	31 20	50 22	58 11	24	☉ * ♀	Δ	♂				Δ
31	27 57 24	28 21	28 24	3 13	15	♀ □ ♀					♂	*

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 25	13 S 20	1 N 51	17 S 56	1 S 32	8 N 2
4	15	54	0 25	13 22	1 50	17 59	1 33	7 57
7	15	55	0 25	13 25	1 49	18 2	1 34	7 52
10	15	56	0 25	13 29	1 49	18 5	1 34	7 46
13	15	57	0 25	13 31	1 48	18 8	1 35	7 40
16	15	57	0 25	13 34	1 48	18 11	1 35	7 33
19	15	58	0 24	13 37	1 47	18 15	1 36	7 26
22	15	59	0 24	13 39	1 46	18 18	1 36	7 18
25	16	0	0 24	13 42	1 45	18 22	1 36	7 10
28	16	0	0 24	13 45	1 45	18 26	1 36	7 1

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	10 40 54	8 ^m 34 4	8 N 22	8 ^h 33	3 S 13	17 N 44	6 ^m 35
2	S	10 44 50	9 32 12	8 0 15	24 3	58 18	43 6	37
3	S	10 48 47	10 30 23	7 38 27	16 4	34 18	52 6	40
4	M	10 52 43	11 28 36	7 16 9	18 4	58 18	11 6	42
5	Tu	10 56 40	12 26 51	6 54 21	19 5	9 16	41 6	45
6	W	11 0 37	13 25 7	6 31 3	23 6	14 24	6 47	
7	Th	11 4 33	14 23 26	6 9 16	14 4	48 11	24 6	50
8	F	11 8 30	15 21 47	5 46 29	5 4	16 7	48 6	52
9	S	11 12 26	16 20 9	5 24 12	14 3	29 3	45 6	55
10	S	11 16 23	17 18 34	5 1 25	38 2	30 0	33 6	58
11	M	11 20 19	18 17 1	4 38 9	15 1	22 4	55 7	1
12	Tu	11 24 16	19 15 29	4 15 23	4 0	7 9	5 7	3
13	W	11 28 12	20 13 58	3 52 7	1 1	N 9	12 7	6
14	Th	11 32 9	21 12 30	3 29 21	5 2	21 15	47 7	8
15	F	11 36 6	22 11 3	3 6 5	18 3	25 17	50 7	11
16	S	11 40 2	23 9 37	2 43 19	23 4	17 18	46 7	14
17	S	11 43 59	24 8 14	2 20 3	34 4	53 18	32 7	17
18	M	11 47 55	25 6 52	1 57 17	44 5	11 17	9 7	20
19	Tu	11 51 52	26 5 31	1 33 1	50 5	11 14	43 7	23
20	W	11 55 49	27 4 12	1 10 15	50 4	52 11	28 7	26
21	Th	11 59 45	28 2 55	0 47 29	39 4	16 7	37 7	30
22	F	12 3 41	29 1 40	0 23 13	17 3	26 3	25 7	33
23	S	12 7 38	0 ^h 0 27	0 S 0 26	38 2	25 0	N 53 7	37
24	S	12 11 34	0 59 16	0 24 9	44 1	18 5	3 7	40
25	M	12 15 31	1 58 6	0 47 22	32 0	9 8	54 7	44
26	Tu	12 19 28	2 56 59	1 10 5	3 18	0 12	16 7	47
27	W	12 23 24	3 55 54	1 34 17	19 2	5 15	1 7	50
28	Th	12 27 21	4 54 51	1 57 29	24 3	3 17	4 7	53
29	F	12 31 17	5 53 51	2 21 11	20 3	52 18	20 7	56
30	S	12 35 14	6 52 53	2 44 23	11 4	31 18	46 7	59

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 25	19 S 41	18 26	19 N 43	1 N 24	7 N 10	26 Δ 17
4	1 27	20 11	1 18	19 15	1 9	4 50	26 7
7	1 28	20 42	1 0	18 48	0 51	2 30	25 58
10	1 29	21 13	0 48	18 2	0 31	0 11	25 48
13	1 30	21 38	0 35	17 34	0 10	2 S 4	25 39
16	1 31	22 8	0 23	16 46	0 S 12	4 16	25 29
19	1 31	22 28	0 10	16 2	0 35	6 24	25 20
22	1 32	22 51	0 N 1	15 7	0 57	8 26	25 10
25	1 32	23 13	0 12	14 13	1 20	10 23	25 0
28	1 33	23 35	0 22	13 10	1 42	12 13	24 51

D M	\hbar		γ		δ		ϕ		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	γ	δ	ϕ	ψ	ω
	°	'	°	'	°	'	°	'									
1	28 m	0 24 r	25 22 m	7 25 ϵ	9 15 m	5				\square		δ					
2	28	3 24 R	21 22	46 26	16 16	54					\bullet						\square
3	28	6 24	17 23	25 27	23 18	42							$*$				
4	28	9 24	13 24	4 28	30 20	28	$\phi \Delta \hbar$	$*$	Δ	$*$	Δ						
5	28	12 24	9 24	43 29	37 22	18							\square	Δ			$*$
6	28	15 24	5 25	22 0 Ω	44 23	54				\square	Δ				ϕ		
7	28	19 24	1 26	1 1	51 25	41	$\phi * \delta$	ϕ	δ	\square	Δ						
8	28	22 23	56 26	40 2	58 27	23	$\phi * \hbar$	ϕ	\hbar	\square	Δ	\square					
9	28	26 23	51 27	20 4	6 29	4				ϕ	$*$						
10	28	30 23	46 28	0 5	14 0 Δ	43	$\delta \phi \hbar$	δ	ϕ	\square	\hbar	$*$		$*$			ϕ
11	28	33 23	41 28	40 6	22 2	22	$\phi \square \hbar$	ϕ	\square	\hbar					$*$		
12	28	37 23	36 29	20 7	30 4	59							δ				
13	28	41 23	30 0 ϕ	0 8	36 5	35				$*$	ϕ					\square	
14	28	45 23	24 0	41 9	46 7	10											
15	28	49 23	18 1	21 10	55 8	44				$*$		ϕ		ϕ	Δ	$*$	
16	28	53 23	12 2	2 12	4 10	18				\square			Δ				
17	28	57 23	6 2	42 13	13 11	51					$*$						
18	29	1 23	0 3	23 14	22 13	22				Δ	\square	$*$		\square			\square
19	29	6 22	54 4	4 15	31 14	52						$*$		$*$			
20	29	10 22	47 4	45 16	40 16	21							$*$		δ	Δ	
21	29	15 22	40 5	26 17	49 17	49	$\phi * \phi$	ϕ	ϕ			\square					
22	29	20 22	34 6	8 18	59 19	16	$\odot * \hbar$	\odot	\hbar	Δ							
23	29	24 22	27 6	49 20	9 20	42				δ		Δ					
24	29	29 22	20 7	30 21	19 22	7	$\phi \delta \gamma$	ϕ	δ						Δ		
25	29	34 22	13 8	12 22	29 23	31	$\phi \Delta \gamma$	ϕ	Δ				ϕ		Δ	δ	
26	29	39 22	6 8	54 23	40 24	54					δ						
27	29	44 21	59 9	36 24	51 26	16											
28	29	49 21	51 10	18 26	1 27	36				Δ		δ				\square	
29	29	54 21	44 11	0 27	12 28	58								δ			
30	29	59 21	37 11	43 28	23 0 m	18								$*$		$*$	

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	1	0 N 24	18 S 49	1 N 44	18 S 29	1 S 37	6 N 53
4	16	1	0 24	18 53	1 44	18 33	1 37	6 44
7	16	2	0 24	18 57	1 43	18 37	1 37	6 35
10	16	3	0 24	14 1	1 43	18 41	1 37	6 26
13	16	4	0 24	14 3	1 42	18 45	1 37	6 17
16	16	5	0 24	14 6	1 42	18 49	1 37	6 8
19	16	5	0 24	14 9	1 41	18 53	1 37	5 59
22	16	6	0 24	14 12	1 41	18 57	1 37	5 50
25	16	7	0 24	14 15	1 41	19 1	1 36	5 42
28	16	7	0 24	14 18	1 41	19 5	1 36	5 34
31	16	8	0 24	14 21	1 41	19 9	1 36	5 26

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	12 39 10	7 51 57	38 7	5 3	48 59	18 N 23	8 3
2	M	12 43 7	8 51 4	3 31 17	0 5	14 17	11	8 6
3	Tu	12 47 3	9 50 12	3 54 29	7 5	15 15	13	8 10
4	W	12 51 0	10 49 24	4 17 11	28 5	2 12	31	8 13
5	Th	12 54 57	11 48 37	4 40 24	6 4	34 9	11	8 16
6	F	12 58 53	12 47 53	5 4 7	5 3	52 5	20	8 20
7	S	13 2 50	13 47 12	5 27 20	25 2	56 1	6	8 23
8	S	13 6 46	14 46 32	5 50 4	7 1	48 38	18	8 27
9	M	13 10 43	15 45 54	6 13 18	7 0	33 7	37	8 30
10	Tu	13 14 39	16 45 19	6 35 2	22 0	N 46	11	35
11	W	13 18 36	17 44 45	6 58 16	48 2	3 14	54	8 37
12	Th	13 22 32	18 44 14	7 21 1	18 3	12 17	18	8 40
13	F	13 26 29	19 43 44	7 43 15	48 4	10 18	34	8 44
14	S	13 30 23	20 43 16	8 6 0	18 4	50 18	37	8 47
15	S	13 34 22	21 42 50	8 28 14	29 5	13 17	29	8 50
16	M	13 38 19	22 42 25	8 50 28	34 5	16 15	18	8 54
17	Tu	13 42 15	23 42 3	9 13 12	27 5	1 12	16	8 57
18	W	13 46 12	24 41 42	9 34 26	5 4	29 8	36	9 1
19	Th	13 50 8	25 41 22	9 56 9	30 3	43 4	34	9 5
20	F	13 54 5	26 41 5	10 18 22	41 2	46 0	22	9 9
21	S	13 58 1	27 40 49	10 39 5	39 1	41 3	N 47	9 14
22	S	14 1 58	28 40 35	11 1 18	23 0	32 7	42	9 18
23	M	14 5 55	29 40 23	11 22 0	55 0	38 11	13	9 22
24	Tu	14 9 51	0 40 13	11 43 13	15 1	44 14	10	9 25
25	W	14 13 48	1 40 5	12 4 25	24 2	45 16	28	9 29
26	Th	14 17 44	2 39 59	12 25 7	25 8	38 17	59	9 33
27	F	14 21 41	3 39 56	12 45 19	19 4	20 18	42	9 37
28	S	14 25 37	4 39 54	13 5 1	11 4	52 18	36	9 41
29	S	14 29 34	5 39 55	13 25 13	2 5	11 17	40	9 45
30	M	14 33 30	6 39 57	13 45 24	57 5	16 15	58	9 48
31	Tu	14 37 27	7 40 8	14 5 7	1 5	8 13	33	9 51

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 33	23 S 50	0 N 33	12 N 10	2 S 3	13 S 55	24 Δ 41
4	1 34	24 8	0 42	11 0	2 22	15 30	24 31
7	1 34	24 21	0 52	9 53	2 40	16 54	24 22
10	1 34	24 31	0 59	8 39	2 54	18 7	24 12
13	1 34	24 43	1 8	7 24	3 5	19 7	24 8
16	1 34	24 50	1 16	6 5	3 11	19 50	23 53
19	1 33	24 56	1 21	4 47	3 9	20 12	23 44
22	1 33	24 59	1 26	3 23	2 58	20 8	23 34
25	1 33	25 1	1 31	2 3	2 33	19 31	23 25
28	1 32	25 0	1 34	0 38	1 54	18 15	23 15
31	1 32	24 56	1 38	0 S 48	1 0	16 22	23 6

D M	♂		♀		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂	♀
	°	'	°	'	°	'	'	'	'	'	'	'	'
1	0 4	4 21	12 29	12 29	Ω 32	1 m 30	☐	Δ					Δ
2	0 9	21 12	13 7	0 m 43	2 46	♀ ☐ ♀				☐			☐
3	0 15	21 14	13 49	1 54	4 0		*	☐		Δ			
4	0 20	21 6	14 32	3 5	5 11		*	☐			Δ		
5	0 26	20 58	15 14	4 16	6 21			☐		Δ			
6	0 31	20 50	15 57	5 27	7 30		*					♂ *	
7	0 37	20 42	16 40	6 39	8 37	♀ ♂ ☿		*			☐		
8	0 42	20 34	17 23	7 30	9 42			*					
9	0 48	20 26	18 6	9 2	10 44	♀ * ☿	♂			♂ *			
10	0 54	20 18	18 40	10 14	11 42		♂						
11	0 59	20 10	19 32	11 26	12 38							*	♂
12	1 5	20 2	20 15	12 38	13 32	♂ Δ ♀			♂				
13	1 11	19 53	20 59	13 50	14 28		*			Δ	♂	☐	
14	1 17	19 45	21 42	15 2	15 11	♀ * ♀							
15	1 23	19 37	22 26	16 14	15 54		*			☐		Δ	*
16	1 29	19 29	23 9	17 27	16 31		☐	*					
17	1 35	19 21	23 58	18 39	17 3		☐						☐
18	1 41	19 13	24 37	19 51	17 30	☉ Δ ♂	Δ		☐	*	*		
19	1 47	19 5	25 21	21 4	17 53			Δ					
20	1 53	18 57	26 5	22 17	18 9						☐	♂	Δ
21	1 59	18 49	26 49	23 30	18 17				Δ				
22	2 6	18 41	27 33	24 43	18 18					♂			
23	2 12	18 33	28 17	25 56	18 10		♂				Δ		
24	2 18	18 25	29 12	27 9	17 53		♂						♂
25	2 25	18 18	29 46	28 22	17 28							Δ	
26	2 31	18 11	0 m 30	29 35	16 51				♂				
27	2 38	18 4	1 15	0 Δ 48	16 7					*			
28	2 44	17 56	2 0	2 15	17 17	♀ ☐ ♂	Δ				♂	☐	
29	2 51	17 49	2 45	3 15	14 18	♀ * ♀		Δ			☐		Δ
30	2 58	17 42	3 30	4 28	12 10								
31	3 5	17 35	4 15	5 41	11 54		☐	☐	Δ			*	☐

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 24	14 S 25	1 N 40	19 S 11	1 S 35	5 N 24
4	16	10	0 24	14 29	1 40	19 15	1 35	5 17
7	16	11	0 24	14 33	1 40	19 19	1 34	5 9
10	16	12	0 24	14 37	1 40	19 23	1 33	5 2
13	16	12	0 24	14 40	1 39	19 27	1 32	4 57
16	16	13	0 24	14 43	1 39	19 31	1 32	4 52
19	16	14	0 24	14 46	1 39	19 35	1 31	4 46
22	16	14	0 24	14 49	1 39	19 39	1 30	4 45
25	16	15	0 24	14 52	1 38	19 43	1 29	4 41
28	16	15	0 24	14 56	1 38	19 47	1 29	4 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	14 41 24	8 m 40	9 14 S 24	19 2 19	4 S 46	10 N 30	9 m 55
2	Th	14 45 20	9 40 19	14 43	1 m 54	4 10 6	55	9 59
3	F	14 49 17	10 40 31	15 2 14	51	3 20 2	54	10 3
4	S	14 53 18	11 40 44	15 21 28	13	2 18 1	S 24	10 6
5	S	14 57 10	12 41 0	15 40	12 21	1 6 5	46	10 10
6	M	15 1 6	13 41 17	15 58 26	13	0 N 12	9 57	10 14
7	Tu	15 5 3	14 41 37	16 16 10	m 47	1 31 13	38	10 18
8	W	15 8 59	15 41 58	16 33 25	38	2 45 16	30	10 22
9	Th	15 12 56	16 42 21	16 51 10	7 36	3 49 18	17	10 25
10	F	15 16 53	17 42 45	17 8 25	34	4 37 18	47	10 28
11	S	15 20 49	18 43 11	17 25 10	w 22	5 5 17	59	10 32
12	S	15 24 46	19 43 39	17 41 24	55	5 14 16	1	10 35
13	M	15 28 42	20 44 7	17 57 9	m 8	5 3 13	7	10 38
14	Tu	15 32 39	21 44 37	18 13 22	59	4 34 9	33	10 42
15	W	15 36 35	22 45 9	18 29 6	29	3 51 5	34	10 45
16	Th	15 40 32	23 45 42	18 44 19	38	2 57 1	24	10 48
17	F	15 44 28	24 46 15	18 59 2	31	1 54 2	N 45	10 52
18	S	15 48 25	25 46 51	19 13 15	9	0 48 6	42	10 56
19	S	15 52 22	26 47 27	19 27 27	34	0 S 20	10 18	11 0
20	M	15 56 18	27 48 5	19 41 9	34	1 26 13	25	11 4
21	Tu	16 0 15	28 48 44	19 55 21	57	2 27 15	54	11 9
22	W	16 4 11	29 49 24	20 8 3	58	3 21 17	40	11 13
23	Th	16 8 8	0 50 6	20 21 15	54	4 6 18	39	11 17
24	F	16 12 4	1 50 50	20 33 27	47	4 39 18	48	11 21
25	S	16 16 1	2 51 35	20 45 9	38	5 1 18	7	11 25
26	S	16 19 57	3 52 21	20 57 21	30	5 9 16	39	11 29
27	M	16 23 54	4 53 9	21 8 3	56	5 4 14	28	11 32
28	Tu	16 27 51	5 53 58	21 19 15	29	4 46 11	39	11 35
29	W	16 31 47	6 54 49	21 29 27	43	4 15 8	17	11 38
30	Th	16 35 44	7 55 41	21 39 10	m 12	3 31 4	30	11 41

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 32	24 54	1 N 89	1 S 14	0 S 40	15 S 39	23 Δ 3
4	1 32	24 47	1 41	2 39	0 N 22	13 27	22 54
7	1 31	24 38	1 43	4 4	1 16	11 37	22 44
10	1 30	24 25	1 43	5 29	1 55	10 32	22 35
13	1 29	24 12	1 44	6 51	2 17	10 18	22 25
16	1 28	23 54	1 43	8 15	2 24	10 46	22 16
19	1 27	23 36	1 42	9 35	2 21	11 44	22 6
22	1 26	23 14	1 40	10 54	2 10	13 1	21 57
25	1 25	22 52	1 38	12 12	1 54	14 27	21 47
28	1 24	22 26	1 35	13 26	1 35	15 57	21 38

D M	h	z	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
							☉	☿	♈	♉	♊	♋
1	3	12 17	27 4	59 6	55 10	♈♉♊				Δ		
2	3	18 17	20 5	44 8	8 9	♈♉♊			□		Δ	
3	3	25 17	13 6	29 9	22 8	♈♉♊	*	*				*
4	3	32 17	6 7	14 10	36 6	♈♉♊						
5	3	38 16	59 7	59 11	50 5	♈♉♊			*	♈	□	♈
6	3	45 16	52 8	44 13	4 4	♈♉♊						
7	3	52 16	46 9	29 14	18 3	♈♉♊	♈	♈			*	♈
8	3	58 16	40 10	14 15	32 3	♈♉♊						
9	4	5 16	34 11	0 16	46 2	♈♉♊			♈	Δ		*
10	4	12 16	29 11	45 18	0 2	♈♉♊						*
11	4	19 16	20 12	31 19	14 2	D 22		*		□	♈	
12	4	26 16	17 13	16 20	28 2	♈♉♊	*					□
13	4	33 16	12 14	2 21	42 2	♈♉♊		□	*			□
14	4	40 16	7 14	47 22	56 3	♈♉♊	□			*		Δ
15	4	47 16	2 15	33 24	10 3	♈♉♊		Δ	□			Δ
16	4	54 15	57 16	19 25	25 4	♈♉♊	Δ				*	
17	5	1 15	52 17	5 26	39 5	♈♉♊			Δ			
18	5	9 15	47 17	51 27	53 6	♈♉♊				♈	□	
19	5	16 15	43 18	37 29	8 7	♈♉♊						♈
20	5	23 15	39 19	23 0	m 22	♈♉♊		♈				♈
21	5	30 15	35 20	9 1	37 9	♈♉♊					Δ	
22	5	37 15	31 20	55 2	52 10	♈♉♊	♈		♈			
23	5	44 15	28 21	41 4	6 12	♈♉♊				*		
24	5	51 15	24 22	27 5	21 13	♈♉♊						
25	5	58 15	21 23	13 6	36 14	♈♉♊		Δ		□		Δ
26	6	5 15	18 23	59 7	50 16	♈♉♊					♈	
27	6	12 15	15 24	45 9	5 17	♈♉♊	Δ		Δ			
28	6	19 15	13 25	31 10	20 18	♈♉♊		□		Δ		□
29	6	26 15	10 26	17 11	35 20	♈♉♊						*
30	6	33 15	8 27	3 12	50 21	♈♉♊	□	*	□			*

DECEMBER XXXI DAYS.

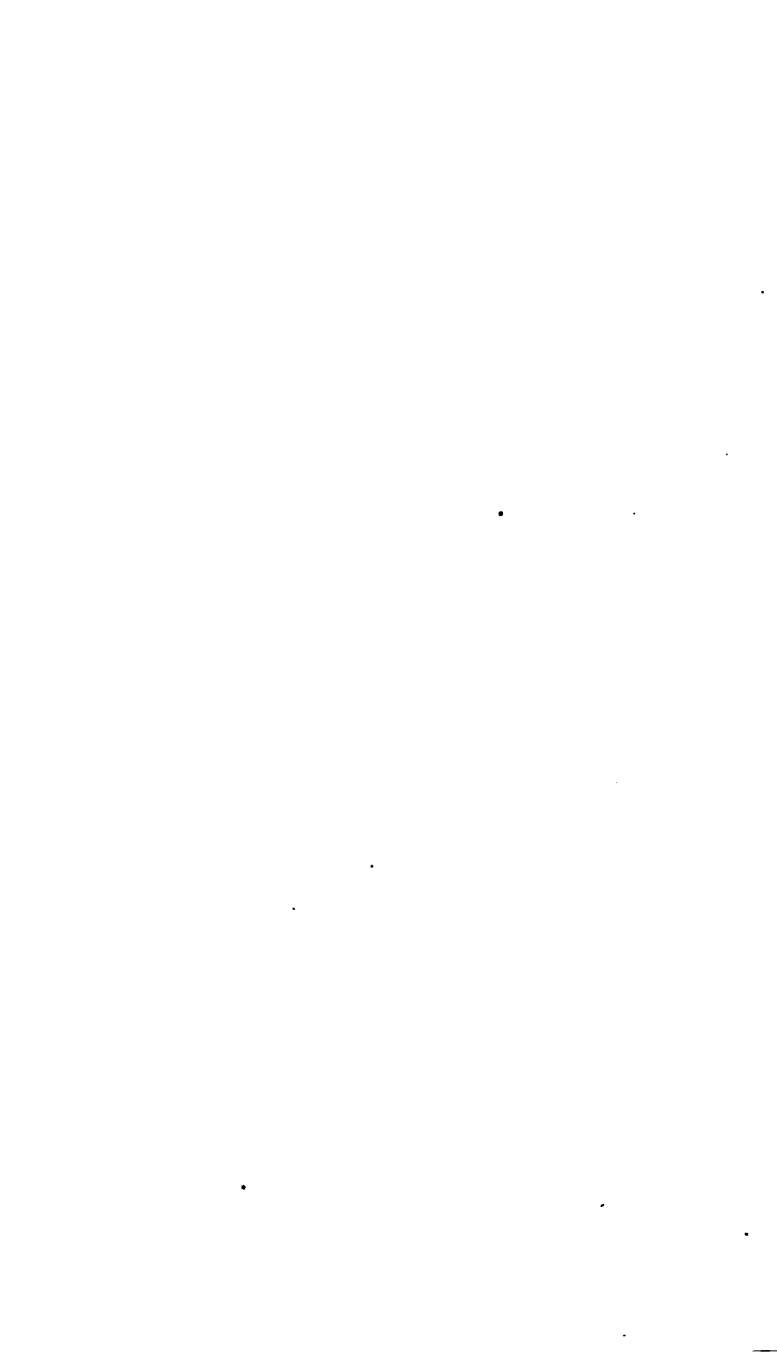
D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 24	14 S 59	1 N 38	19 S 50	1 S 27	4 N 37
4	16	15	0 24	15 2	1 38	19 54	1 27	4 36
7	16	16	0 24	15 6	1 38	19 58	1 26	4 36
10	16	16	0 24	15 9	1 38	20 2	1 25	4 36
13	16	16	0 24	15 12	1 37	20 4	1 24	4 37
16	16	16	0 24	15 14	1 37	20 8	1 23	4 39
19	16	17	0 24	15 17	1 37	20 11	1 22	4 42
22	16	17	0 24	15 19	1 37	20 14	1 22	4 45
25	16	17	0 24	15 21	1 37	20 17	1 20	4 49
28	16	17	0 24	15 24	1 37	20 20	1 20	4 55
31	16	17	0 24	15 27	1 37	20 22	1 20	5 1

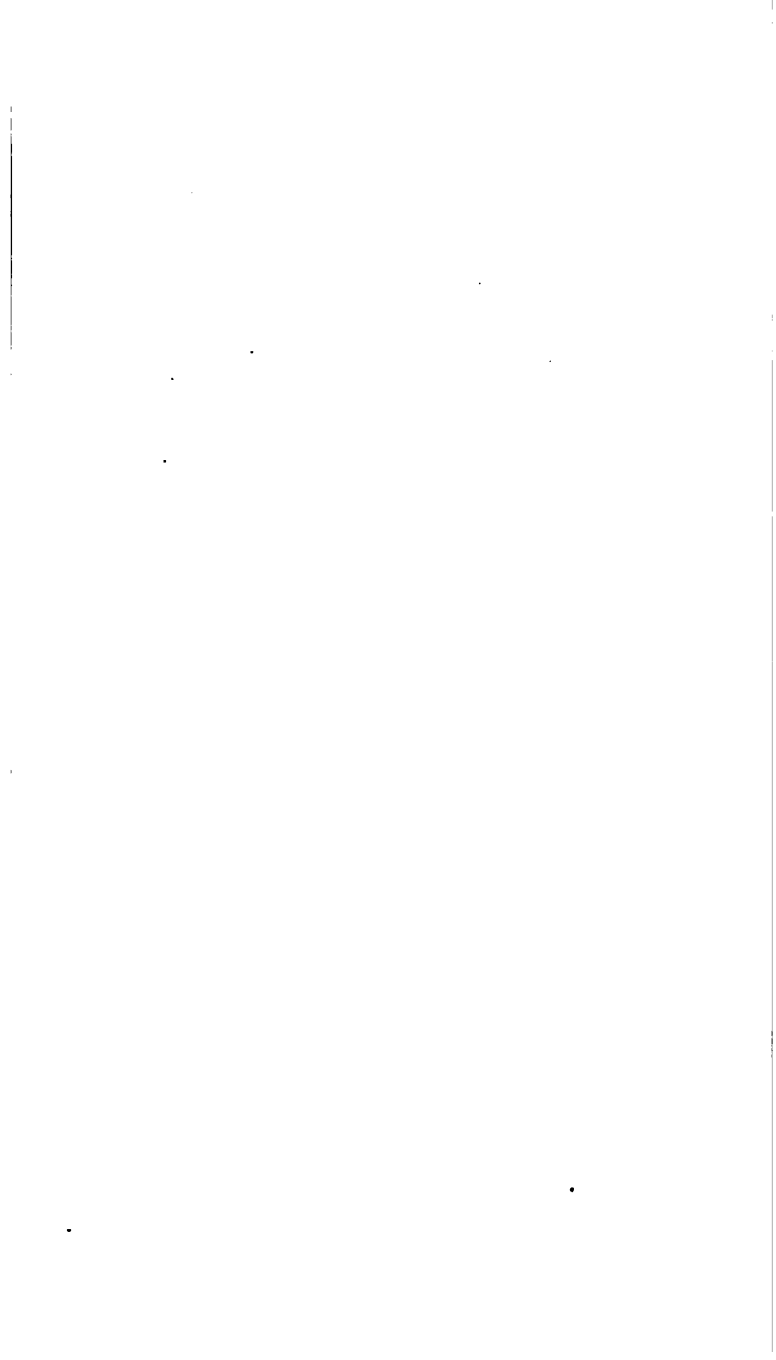
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° '	° '	° '	° '	° '
1	F	16 39 40	8 56 35	21 S 49	23 m 2	2 S 35	0 N 24	11 m 44
2	S	16 43 37	9 57 30	21 58	6 16	1 30	3 S 51	11 48
3	S	16 47 33	10 58 26	22 7	19 57	0 17	8 4	11 51
4	M	16 51 30	11 59 24	22 15	4 m 7	0 N 59	11 59	11 54
5	Tu	16 55 26	13 0 23	22 23	18 45	2 14	15 16	11 57
6	W	16 59 23	14 1 23	22 30	8 45	3 21	17 38	12 1
7	Th	17 3 20	15 2 24	22 37	19 0	4 15	18 46	12 4
8	F	17 7 16	16 3 26	22 44	4 w 18	4 50	18 33	12 7
9	S	17 11 13	17 4 29	22 50	19 29	5 5	17 0	12 10
10	S	17 15 9	18 5 33	22 56	4 m 22	4 59	14 20	12 14
11	M	17 19 6	19 6 37	23 1	18 51	4 34	10 51	12 17
12	Tu	17 23 2	20 7 41	23 6	2 x 52	3 53	6 51	12 20
13	W	17 27 59	21 8 46	23 10	16 25	3 59	2 37	12 23
14	Th	17 30 55	22 9 52	23 14	29 32	1 58	1 N 37	12 26
15	F	17 34 52	23 10 57	23 17	12 17	0 53	5 40	12 29
16	S	17 38 49	24 12 4	23 20	24 44	0 S 13	9 23	12 32
17	S	17 42 45	25 13 10	23 23	6 s 58	1 18	12 37	12 35
18	M	17 46 42	26 14 16	23 24	19 2	2 18	15 17	12 38
19	Tu	17 50 38	27 15 23	23 26	1 0	3 11	17 16	12 41
20	W	17 54 35	28 16 30	23 27	12 54	3 55	18 29	12 45
21	Th	17 58 31	29 17 38	23 28	24 46	4 29	18 53	12 48
22	F	18 2 28	0 w 18	23 28	6 s 39	4 51	18 27	12 51
23	S	18 6 25	1 19 54	23 27	18 32	5 1	17 13	12 54
24	S	18 10 21	2 21 3	23 26	0 28	4 57	15 14	12 57
25	M	18 14 18	3 22 12	23 25	12 28	4 40	12 35	13 0
26	Tu	18 18 14	4 23 22	23 23	24 35	4 11	9 24	13 3
27	W	18 22 11	5 24 32	23 21	6 m 50	3 29	5 46	13 5
28	Th	18 26 7	6 25 42	23 18	19 19	2 37	1 50	13 8
29	F	18 30 4	7 26 53	23 15	2 4	1 36	2 S 17	13 11
30	S	18 34 0	8 28 4	23 11	15 9	0 28	6 25	13 13
31	S	18 37 57	9 29 16	23 7	28 40	0 N 43	10 20	13 15

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 23	21 58	1 N 30	14 S 38	1 N 14	17 S 26	21 △ 28
4	1 21	21 28	1 26	15 44	0 53	18 51	21 18
7	1 20	20 55	1 21	16 52	0 31	20 9	21 8
10	1 18	20 20	1 16	17 50	0 10	21 21	20 59
13	1 17	19 44	1 10	18 50	0 S 11	22 24	20 49
16	1 15	19 5	1 3	19 40	0 31	23 18	20 40
19	1 14	18 26	0 57	20 29	0 50	23 59	20 30
22	1 13	17 44	0 50	21 6	1 8	24 31	20 21
25	1 11	17 1	0 43	21 48	1 24	24 51	20 11
28	1 9	16 18	0 36	22 16	1 38	25 0	20 2
31	1 8	15 30	0 28	22 37	1 49	24 54	19 52

D	h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.					
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	6 41	15 7	6 27	50 14	5 23	m 22						△	*
2	6 48	15 13	4 28	37 15	20 24	51		*	*				
3	6 55	15	3 29	23 16	35 26	21				♊			
4	7 2	15	2 0	m 10	17 50	27 52		♈			□		
5	7 9	15	1 0	56 19	5 29	23						♈	
6	7 16	15	0 1	43 20	20 0	f 54			♈		*		♈
7	7 23	14 59	2 30	21 35	2 25	☉ △ ♈ ♈	♈		♈		△	*	♈
8	7 30	14 59	3 17	22 50	3 57	☿ * ♈		*					
9	7 37	14 58	4 3	24 5	5 29					□		*	
10	7 44	14 D 58	4 50	25 20	7 1	☿ ☉ h		□	*		♈		*
11	7 51	14 58	5 36	26 35	8 33			*			*		
12	7 58	14 58	6 23	27 50	10 6					□			□
13	8 6	14 58	7 10	29 5	11 39			□	△				□
14	8 13	14 59	7 56	0 f 20	13 12	♈ * h						△	
15	8 20	15 0	8 43	1 35	14 45	☿ △ ♈				△	♈	*	△
16	8 27	15	1 9	30 2	50 16	18		△					
17	8 34	15	2 10	17 4	5 17	51			♊			□	
18	8 41	15	4 11	4 5	20 19	24	♈ □ h						
19	8 47	15	6 11	51 6	35 20	58							
20	8 54	15	8 12	37 7	50 22	82				♊	*	△	♊
21	9 1	15	11 13	24 9	6 24	6	☿ ☉ h	♊					♊
22	9 8	15	13 14	11 10	21 25	40			△				
23	9 15	15	16 14	58 11	37 27	14					□		
24	9 22	15	18 15	45 12	52 28	49	♈ * ♈					♊	
25	9 28	15	21 16	32 14	7 0	w 24			□	△	△	♊	△
26	9 35	15	24 17	18 15	22 1	59	☿ △ ♈		△	*	□		△
27	9 41	15	28 18	5 16	37 3	34							
28	9 48	15	32 18	52 17	53 5	9							□
29	9 54	15	36 19	39 19	8 6	45		□					□
30	10 1	15	40 20	26 20	23 8	22	☉ ☉ ☿			*	♊	△	*
31	10 7	15	44 21	13 21	38 10	0	☿ * ♈						







RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1810.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.) 939 2.1.0



RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANET'S PLACES

For 1810.

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JANUARY XXXI DAYS.

D. M.	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	''	°	'	°	'	°	'
1	16	15		0 N 24	15 8 28	1 N 38	20 S 24	1 S 18	5 N 2
4	16	15		0 24	15 30	1 38	20 27	1 17	5 8
7	16	16		0 24	15 32	1 38	20 29	1 16	5 15
10	16	16		0 24	15 34	1 38	20 31	1 15	5 23
13	16	17		0 24	15 36	1 38	20 34	1 14	5 30
16	16	17		0 24	15 37	1 38	20 36	1 14	5 39
19	16	17		0 24	15 38	1 38	20 38	1 13	5 48
22	16	18		0 24	15 39	1 38	20 40	1 12	5 58
25	16	18		0 24	15 40	1 39	20 42	1 11	6 8
28	16	18		0 24	15 41	1 39	20 44	1 11	6 18
31	16	18		0 24	15 42	1 39	20 46	1 10	6 29

D. M.	D. W.	Sidereal Time.			☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H.	M.	S.	°	'	''	°	'	''
1	M	18	41	54	10 30 27	23 S 3	12 38	1 N 54	18 S 50	13 17
2	Tu	18	45	50	11 31 40	22 58	27 4	3 0	16 36	13 20
3	W	18	49	47	12 32 52	22 52	11 55	3 56	18 20	13 22
4	Th	18	53	43	13 34 4	22 46	27 6	4 37	18 49	13 24
5	F	18	57	40	14 35 16	22 40	12 26	4 58	17 56	13 27
6	S	19	1	36	15 36 28	22 33	27 44	4 57	15 46	13 29
7	S	19	5	33	16 37 40	22 26	12 49	4 36	12 34	13 31
8	M	19	9	30	17 38 51	22 18	27 31	3 57	8 38	13 33
9	Tu	19	13	26	18 40 2	22 10	11 44	3 4	4 20	13 35
10	W	19	17	23	19 41 12	22 1	25 27	2 2	0 N 3	13 37
11	Th	19	21	19	20 42 22	21 52	8 40	0 55	4 17	13 39
12	F	19	25	16	21 43 30	21 42	21 28	0 8	12 8	13 41
13	S	19	29	12	22 44 38	21 33	3 54	1 17	11 38	13 43
14	S	19	33	9	23 45 45	21 22	16 5	2 17	14 29	13 45
15	M	19	37	5	24 46 52	21 11	28 5	2 10	16 40	13 47
16	Tu	19	41	2	25 47 57	21 0	9 58	3 54	18 6	13 49
17	W	19	44	58	26 49 2	20 49	21 49	4 28	18 45	13 50
18	Th	19	48	55	27 50 5	20 37	3 40	4 50	18 35	13 52
19	F	19	52	52	28 51 8	20 25	15 34	4 59	17 36	13 54
20	S	19	56	48	29 52 10	20 12	27 32	4 56	15 51	13 55
21	S	20	0	45	0 53 11	19 59	9 35	4 39	13 23	13 56
22	M	20	4	41	1 54 12	19 45	21 45	4 9	10 20	13 57
23	Tu	20	8	38	2 55 12	19 31	4 2	3 28	6 49	13 59
24	W	20	12	34	3 56 11	19 17	16 27	2 36	2 57	14 0
25	Th	20	16	31	4 57 9	19 8	29 8	1 35	18 5	14 2
26	F	20	20	27	5 58 7	18 48	11 53	0 29	5 9	14 3
27	S	20	24	24	6 59 4	18 33	24 59	0 N 40	9 3	14 4
28	S	20	28	21	8 0 0	18 17	8 24	1 49	12 35	14 6
29	M	20	32	17	9 0 56	18 1	22 11	2 54	15 32	14 7
30	Tu	20	36	14	10 1 51	17 45	6 21	3 50	17 37	14 8
31	W	20	40	10	11 2 45	17 28	20 53	4 33	18 37	14 9

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 7	15 S 14	0 N 26	22 S 50	1 S 52	24 S 49	19 Δ 49
4	1 5	14 25	0 18	23 7	2 0	24 26	19 39
7	1 3	13 37	0 11	23 17	2 5	23 49	19 30
10	1 1	12 46	0 3	23 22	2 6	22 57	19 20
13	0 59	11 55	0 S 4	23 18	2 4	21 51	19 11
16	0 57	11 2	0 ∇ 1	23 7	1 56	20 31	19 1
19	0 55	10 9	0 19	22 53	1 44	18 58	18 52
22	0 53	9 15	0 26	22 30	1 25	17 13	18 42
25	0 51	8 21	0 33	22 8	0 58	15 19	18 33
28	0 49	7 27	0 39	21 27	0 25	13 22	18 23
31	0 47	6 33	0 46	20 48	0 N 16	11 28	18 14

D M	\hbar	γ	δ	ζ	η	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	γ	δ	ζ	η
	° /	° /	° /	° /	° /								
1	10 ∇ 14	15 ∇ 48	22 ∇ 0	22 ∇ 54	11 ∇ 37		*	\odot					*
2	10 21 15	52 22	47 24	9 13	14	ζ * \hbar					\square		
3	10 27 15	57 23	34 25	24 14	52				\odot	Δ			
4	10 33 16	2 24	20 26	40 16	30	ζ \square γ					*	\odot	
5	10 40 16	7 25	7 27	55 18	9		\odot	*		\square			\odot
6	10 46 16	12 25	54 29	10 19	48								
7	10 52 16	18 26	40 0	∇ 26	21 28	\odot \square γ		\square	*	*		\odot	*
8	10 58 16	23 27	27 1	41 28	7							\odot	*
9	11 5 16	29 28	14 2	56 24	47			Δ	\square				
10	11 11 16	35 29	1 4	11 26	27		*						*
11	11 17 16	41 29	48 5	26 28	8				Δ			\square	
12	11 23 16	47 0	* 35	6 41	29 49		\square			\odot			
13	11 29 16	54 1	22 7	57 1	∇ 31						*	Δ	\square
14	11 35 17	0 2	9 9	12 8	12			δ					
15	11 41 17	7 2	56 10	27 4	53		Δ					\square	
16	11 47 17	14 3	43 11	43 6	35				δ				Δ
17	11 52 17	21 4	30 12	58 8	16	ζ * \hbar				δ	*		
18	11 58 17	28 5	17 14	13 9	57						Δ		
19	12 3 17	36 6	3 15	29 11	39	ζ * \hbar	Δ			\square		δ	
20	12 9 17	43 6	50 16	44 13	20	ζ \square \hbar	δ						
21	12 14 17	51 7	37 17	59 14	59	ζ \square γ		\square	Δ				δ
22	12 19 17	59 8	23 19	14 16	37					Δ			
23	12 25 18	7 9	10 20	29 18	13	ζ * γ					δ		
24	12 30 18	15 9	57 21	44 19	47			*	\square			Δ	
25	12 35 18	24 10	43 23	0 21	20		Δ						
26	12 40 18	32 11	30 24	15 22	50				*				
27	12 45 18	41 12	16 25	30 24	17					δ		\square	Δ
28	12 50 18	50 13	3 26	46 25	41	δ \square \hbar	\square	\odot			Δ		
29	12 55 18	59 13	49 28	1 27	0	δ Δ \hbar						*	\square
30	13 0 19	8 14	36 29	16 28	13		*		\odot		Δ		
31	13 5 19	17 15	22 0	∇ 31	29 20					Δ	\square		

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.,	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	16 15	0 N 24	15 S 43	1 N 39	20 S 46	1 S 9	6 N 33
4	16 15	0 24	15 44	1 39	20 47	1 9	6 44
7	16 14	0 24	15 45	1 39	20 49	1 8	6 56
10	16 14	0 24	15 45	1 39	20 50	1 8	7 8
13	16 13	0 24	15 45	1 40	20 51	1 7	7 21
16	16 12	0 24	15 45	1 40	20 52	1 7	7 34
19	16 11	0 24	15 45	1 41	20 53	1 6	7 47
22	16 11	0 25	15 45	1 41	20 54	1 5	8 0
25	16 10	0 25	15 44	1 41	20 54	1 4	8 14
28	16 10	0 25	15 43	1 41	20 55	1 4	8 28

D M	D W	Sidereal Time.	☉			☉		♂		♂		♂		♂ Long.
		H. M. S.	° ' "			° ' "		° ' "		° ' "		° ' "		° ' "
1	Th	20 44 7	12 ^m	3	38	17	S 12	5 ^m	44	4	N 57	18	S 23	14 ^m 10
2	F	20 48 4	13	4	30	16	54	20	47	5	2	16	52	14 11
3	S	20 52 1	14	5	21	16	37	5 ^m	52	4	47	14	11	14 12
4	S	20 55 58	15	6	11	16	19	20	49	4	11	10	36	14 13
5	M	20 59 55	16	6	59	16	1	5 ^m	29	3	20	6	25	14 14
6	Tu	21 3 52	17	7	46	15	43	19	46	2	17	1	58	14 14
7	W	21 7 49	18	8	32	15	24	3 ^m	34	1	8	2	N 27	14 15
8	Th	21 11 46	19	9	16	15	6	16	55	0	S 3	6	36	14 15
9	F	21 15 43	20	9	58	14	47	29	49	1	12	10	18	14 16
10	S	21 19 39	21	10	39	14	27	12	20	2	15	13	25	14 16
11	S	21 23 36	22	11	18	14	8	24	34	3	10	15	51	14 16
12	M	21 27 32	23	11	55	13	48	6 ^m	35	3	56	17	33	14 16
13	Tu	21 31 29	24	12	31	13	28	18	29	4	32	18	27	14 17
14	W	21 35 25	25	13	4	13	8	0 ^m	20	4	55	18	33	14 17
15	Th	21 39 22	26	13	36	12	47	12	11	5	6	17	50	14 ^m 17
16	F	21 43 19	27	14	6	12	27	24	8	5	3	16	20	14 17
17	S	21 47 15	28	14	34	12	6	6 ^m	11	4	47	14	6	14 17
18	S	21 51 12	29	15	1	11	45	18	23	4	18	11	14	14 17
19	M	21 55 8	0 ^m	15	25	11	24	0 ^m	45	3	37	7	50	14 16
20	Tu	21 59 5	1	15	49	11	2	13	17	2	44	4	3	14 16
21	W	22 3 1	2	16	10	10	41	26	0	1	42	0	2	14 16
22	Th	22 6 58	3	16	30	10	19	8 ^m	54	0	34	4	3	14 16
23	F	22 10 54	4	16	49	9	57	22	0	0	N 37	8	0	14 15
24	S	22 14 51	5	17	6	9	35	5 ^m	18	1	47	11	37	14 15
25	S	22 18 48	6	17	21	9	13	18	51	2	52	14	41	14 15
26	M	22 22 44	7	17	35	8	50	2 ^m	33	3	49	16	57	14 15
27	Tu	22 26 41	8	17	48	8	28	16	40	4	34	18	15	14 14
28	W	22 30 37	9	17	59	8	5	0 ^m	57	5	2	18	26	14 14

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 25	15 S 43	1 N 42	20 S 55	1 S 4	8 N 32
4	16	9	0 25	15 42	1 42	20 56	1 4	8 46
7	16	8	0 25	15 41	1 42	20 56	1 3	9 0
10	16	8	0 25	15 41	1 42	20 56	1 3	9 14
13	16	7	0 25	15 40	1 43	20 56	1 2	9 29
16	16	6	0 25	15 39	1 43	20 56	1 2	9 44
19	16	5	0 25	15 38	1 44	20 56	1 1	9 59
22	16	4	0 25	15 37	1 44	20 55	1 1	10 13
25	16	3	0 25	15 36	1 44	20 55	1 0	10 28
28	16	3	0 25	15 34	1 44	20 54	1 0	10 42
31	16	2	0 25	15 32	1 44	20 54	1 0	10 56

D M	D W	Sidereal Time.	☉		☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	°	'		°	'	°	'
1	Th	22 34 34	10	18 9	7 S 43	15 w 25	5 N 11	17 S 25	14 m 13
2	F	22 38 30	11	18 17	7 20	0 m 1	5 15	16 16	14 R 12
3	S	22 42 27	12	18 23	6 57	14 38	4 31	12 8	14 11
4	S	22 46 23	13	18 28	6 34	29 12	3 44	8 16	14 11
5	M	22 50 20	14	18 30	6 11	13 33	2 43	3 58	14 10
6	Tu	22 54 17	15	18 31	5 48	27 37	1 33	0 N 28	14 9
7	W	22 58 13	16	18 30	5 24	11 r 19	0 19	4 47	14 8
8	Th	23 2 10	17	18 27	5 1	24 39	0 S 54	8 43	14 7
9	F	23 6 6	18	18 22	4 38	7 S 35	2 21	2 8	14 6
10	S	23 10 3	19	18 14	4 14	20 10	3 21	4 53	14 5
11	S	23 13 59	20	18 5	3 51	2 N 23	3 53	16 52	14 4
12	M	23 17 56	21	17 53	3 27	14 33	4 32	18 4	14 3
13	Tu	23 21 52	22	17 39	3 4	26 29	4 59	18 26	14 2
14	W	23 25 50	23	17 22	2 40	8 S 21	5 13	18 0	14 0
15	Th	23 29 46	24	17 3	2 16	20 14	5 13	16 46	13 59
16	F	23 33 42	25	16 42	1 53	2 Q 13	5 0	14 48	13 58
17	S	23 37 39	26	16 19	1 29	14 20	4 34	12 10	13 56
18	S	23 41 35	27	15 53	1 5	26 39	3 55	8 58	13 55
19	M	23 45 32	28	15 25	0 42	9 w 11	3 4	5 18	13 54
20	Tu	23 49 28	29	14 55	0 18	21 59	2 2	1 19	13 52
21	W	23 53 25	0 r	14 23	0 N 6	5 S 2	0 53	2 S 49	13 50
22	Th	23 57 21	1	13 49	0 29	18 19	0 N 20	6 52	13 48
23	F	0 1 18	2	13 13	0 53	1 m 49	1 34	10 39	13 46
24	S	0 5 14	3	12 36	1 17	15 32	2 43	13 55	13 44
25	S	0 9 11	4	11 56	1 40	29 25	3 43	16 25	13 42
26	M	0 13 8	5	11 15	2 4	13 f 26	4 31	17 57	13 40
27	Tu	0 17 4	6	10 32	2 27	27 34	5 3	18 24	13 39
28	W	0 21 1	7	9 47	2 51	11 w 46	5 16	17 41	13 37
29	Th	0 24 57	8	9 1	3 14	26 0	5 11	15 53	13 35
30	F	0 28 54	9	8 13	3 37	10 m 14	4 46	13 6	13 34
31	S	0 32 50	10	7 23	4 1	24 24	4 9	34 13	32

MARCH XXXI DAYS.

D M.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	D ^r clin.	Lat.	Declin.	Lat.	Declin.	
1	08 27	2 N 37	1 S 24	10 S 19	1 N 47	13 S 39	16 42
4	0 24	3 32	1 25	8 54	1 6	14 8	16 32
7	0 22	4 28	1 26	7 30	0 28	14 20	16 23
10	0 20	5 23	1 26	6 0	0 S 8	14 15	16 18
13	0 18	6 17	1 25	4 34	0 40	13 55	16 8
16	0 16	7 10	1 24	3 3	1 7	13 20	15 54
19	0 14	8 3	1 23	1 33	1 31	12 32	15 44
22	0 12	8 54	1 21	0 2	1 51	11 30	15 35
25	0 10	9 46	1 18	1 N 29	2 6	10 16	15 25
28	0 8	10 38	1 15	3 33	2 17	8 50	15 16
31	0 6	11 28	1 11	5 0	2 24	7 12	15 6

D M	h		γ		δ		♀		♀		Mutual Aspts.	Lunar Aspects.								
	Long.		Long.		Long.		Long.		Long.			☉	☿	♈	♉	♊	♋	♌	♍	
1	14	f 51	24	r 33	7	r 38	6	x 50	18	m 20										
2	14	53	24	45	8	24	8	5	18	23		*	*							
3	14	55	24	58	9	9	9	20	18	33			☐	*		*			♂	
4	14	57	25	10	9	54	10	35	18	51					*					
5	14	59	25	23	10	40	11	50	19	15	☉	Δ	☿	♈	☐			♂		
6	15	1	25	35	11	25	13	5	19	42	☉	☐	♈							
7	15	3	25	48	12	10	14	19	20	11	♀	Δ	☿		Δ		♂			
8	15	5	26	1	12	55	15	34	20	46	♀	☐	♈			♂			*	
9	15	6	26	14	13	41	16	49	21	26										
10	15	8	26	27	14	26	18	4	22	11				*	♂			*	☐	
11	15	9	26	40	15	11	19	19	22	59	♂	Δ	♈							
12	15	11	26	53	16	56	20	34	23	50					♂		*			
13	15	12	27	6	16	41	21	48	24	43		☐				*		☐	Δ	
14	15	13	27	19	17	26	23	3	25	39			Δ							
15	15	14	27	32	18	11	24	18	26	39	☉	♂	♀	Δ				☐	Δ	
16	15	15	27	45	18	56	25	32	27	42	♀	*	γ					☐		
17	15	16	27	59	19	41	26	47	28	47					☐	Δ		Δ		
18	15	17	28	12	20	26	28	2	29	54						Δ				♂
19	15	18	28	25	21	10	29	16	1	* 3				*	☐					
20	15	18	28	39	21	55	0 r 31	2	14											
21	15	19	28	52	22	39	1	46	3	28			♂						♂	
22	15	19	29	6	23	24	8	0	4	44						*		♂	♂	
23	15	19	29	19	24	8	4	15	6	2							♂			Δ
24	15	R 19	29	33	24	53	5	30	7	21				♂						
25	15	19	29	47	25	37	6	44	8	42			Δ							
26	15	19	0	1	26	22	7	59	10	4						♂			Δ	☐
27	15	19	0	14	27	6	9	13	11	28							Δ	Δ		
28	15	19	0	28	27	50	10	27	12	54	♀	Δ	☿	☐	*				☐	*
29	15	19	0	42	28	35	11	42	14	21	♀	☐	♈				☐	☐		
30	15	18	0	56	29	19	12	56	15	50			*	☐	*			*		
31	15	18	1	10	0	3	14	11	17	21							*	*		

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 25	15 S 31	1 N 45	20 S 54	0 S 59	11 N 2
4	16	0	0 25	15 29	1 45	20 53	0 59	11 17
7	15	59	0 25	15 27	1 46	20 53	0 59	11 32
10	15	58	0 25	15 24	1 46	20 52	0 59	11 47
13	15	58	0 25	15 22	1 46	20 52	0 58	12 1
16	15	57	0 25	15 20	1 46	20 51	0 58	12 15
19	15	56	0 25	15 18	1 47	20 50	0 58	12 30
22	15	56	0 25	15 17	1 47	20 48	0 58	12 45
25	15	55	0 25	15 15	1 47	20 47	0 57	12 59
28	15	54	0 25	15 12	1 47	20 46	0 57	13 13

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	0 36 47	11 7 6 31	4 N 24	8 27	3 N 8	5 S 30	13 31
2	M	0 40 43	12 5 37	4 47	22 20	2 1	1 12	13 29
3	Tu	0 44 40	13 4 41	5 10	6 0	0 48	3 N 7	13 27
4	W	0 48 37	14 3 43	5 33	19 24	0 S 26	7 12	13 25
5	Th	0 52 33	15 2 44	5 56	2 31	1 37	10 50	13 23
6	F	0 56 30	16 1 42	6 19	15 21	2 42	13 52	13 21
7	S	1 0 26	17 0 38	6 41	27 54	3 38	16 11	13 19
8	S	1 4 23	17 59 32	7 4	10 12	4 22	17 41	13 17
9	M	1 8 19	18 58 24	7 26	22 18	4 53	18 22	13 15
10	Tu	1 12 16	19 57 13	7 49	4 16	5 12	18 12	13 12
11	W	1 16 12	20 56 1	8 11	16 9	5 17	17 15	13 9
12	Th	1 20 9	21 54 45	8 33	28 2	5 8	15 32	13 7
13	F	1 24 5	22 53 28	8 55	10 1	4 47	13 9	13 4
14	S	1 28 2	23 52 6	9 16	22 9	4 12	10 10	13 2
15	S	1 31 59	24 50 46	9 38	4 31	3 25	6 41	13 0
16	M	1 35 55	25 49 22	9 59	17 9	2 27	2 49	12 58
17	Tu	1 39 52	26 47 56	10 20	0 7	1 20	1 S 16	12 56
18	W	1 43 48	27 46 28	10 42	13 25	0 7	5 25	12 53
19	Th	1 47 45	28 44 57	11 2	27 4	1 N 8	9 23	12 51
20	F	1 51 41	29 43 25	11 23	11 1	2 20	12 55	12 46
21	S	1 55 38	0 41 51	11 44	25 12	3 25	15 45	12 46
22	S	1 59 35	1 40 16	12 4	9 33	4 18	17 39	12 44
23	M	2 3 31	2 38 39	12 24	23 59	4 55	18 25	12 41
24	Tu	2 7 28	3 37 0	12 44	8 24	5 18	17 59	12 38
25	W	2 11 24	4 35 20	13 4	22 45	5 12	16 25	12 35
26	Th	2 15 21	5 33 38	13 23	6 57	4 52	13 51	12 32
27	F	2 19 17	6 31 55	13 43	21 0	4 14	10 30	12 30
28	S	2 23 14	7 30 10	14 2	4 51	3 22	6 37	12 28
29	S	2 27 10	8 28 24	14 20	18 30	2 19	2 26	12 26
30	M	2 31 7	9 26 36	14 39	1 56	1 9	1 N 50	12 23

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 5	11 N 41	18 9	5 N 2	28 25	68 37	15 3
4	0 3	12 28	1 4	6 30	2 26	4 45	14 53
7	0 1	13 15	1 0	7 58	2 23	2 44	14 44
10	0 N 1	13 59	0 55	9 23	2 15	0 32	14 34
13	0 3	14 44	0 49	10 49	2 3	1 N 48	14 25
16	0 5	15 26	0 39	12 10	1 46	4 16	14 15
19	0 7	16 8	0 36	13 31	1 24	6 51	14 6
22	0 9	16 47	0 29	14 46	0 59	9 30	13 56
25	0 11	17 26	0 23	16 4	0 30	12 9	13 47
28	0 13	18 4	0 16	17 9	0 N 1	14 46	13 37

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	°	'	°	'	°	'						
1	15 17	18 24	08 47	15 25	18 54	♀ Δ h		Δ	□	*		
2	15 17	1 38	1 31	16 40	20 27	♂ ♂ ♈						♂
3	15 16	1 52	2 15	17 54	22 2							
4	15 15	2 6	2 59	19 9	23 39		♂		Δ			♂
5	15 14	2 20	3 48	20 23	25 17	☉ Δ h				♂	♂	
6	15 13	2 34	4 27	21 37	26 57			♂				
7	15 11	2 48	5 11	22 51	28 38							*
8	15 10	3 2	5 55	24 6	0 21		*		♂			
9	15 8	3 16	6 38	25 20	2 5						*	
10	15 7	3 30	7 22	26 35	3 51					*	*	□
11	15 5	3 44	8 6	27 49	5 39		□	Δ				
12	15 3	3 58	8 50	29 3	7 28							□
13	15 1	4 13	9 33	08 17	9 17			□	Δ	□	□	Δ
14	14 59	4 27	10 17	1 31	11 8		Δ					
15	14 57	4 41	11 0	2 45	13 1					Δ		Δ
16	14 55	4 56	11 43	3 59	14 57	♀ Δ h		*	□		Δ	
17	14 53	5 10	12 27	5 13	16 54	♀ ♂ ♈						♂
18	14 51	5 24	13 10	6 27	18 52	♂ ♂ ♈			*			
19	14 46	5 39	13 53	7 41	20 52		♂					
20	14 46	5 53	14 36	8 55	22 53			♂		♂	♂	♂
21	14 44	6 7	15 19	10 9	24 55							
22	14 41	6 22	16 2	11 23	26 59				♂			
23	14 39	6 36	16 45	12 37	29 4	♀ ♂ ♈						Δ
24	14 36	6 50	17 28	13 51	18 10			Δ	*		Δ	Δ
25	14 33	7 5	18 11	15 5	3 17						Δ	
26	14 30	7 19	18 54	16 19	5 25	☉ ♂ ♈	□	□	*	□		□
27	14 27	7 33	19 37	17 33	7 34	♀ ♂ ♈					□	□
28	14 24	7 48	20 18	18 47	9 44	☉ ♂ ♈	*		*			*
29	14 21	8 2	21 3	20 1	11 53	♀ ♂ ♈		Δ	□		*	*
30	14 18	8 16	21 46	21 15	14 2							

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 54	0 N 25	15 S 10	1 N 48	20 S 45	0 S 57	13 N 27
4	15 54	0 25	15 8	1 48	20 44	0 57	13 42
7	15 53	0 25	15 5	1 48	20 42	0 57	13 55
10	15 52	0 25	15 2	1 48	20 41	0 57	14 8
13	15 51	0 25	15 0	1 48	20 40	0 57	14 21
16	15 51	0 25	14 59	1 48	20 39	0 57	14 34
19	15 50	0 25	14 57	1 48	20 37	0 56	14 47
22	15 50	0 25	14 55	1 48	20 35	0 56	15 0
25	15 49	0 25	14 53	1 48	20 34	0 56	15 13
28	15 49	0 25	14 51	1 48	20 33	0 56	15 26
31	15 48	0 25	14 49	1 48	20 31	0 56	15 38

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	2 35 0	10 8 24 47	14 N 57	15 7 10	0 S 3	5 N 56	12 m 20
2	W	2 38 57	11 22 57	15 16	28 12	1 14 9	41	12 R 17
3	Th	2 42 53	12 21 5	15 33	11 8 0	2 20	12 55	12 15
4	F	2 46 50	13 19 11	15 51	23 36	3 17	15 30	12 12
5	S	2 50 46	14 17 15	16 8	6 11 0	4 5	17 19	12 9
6	S	2 54 43	15 15 18	16 26	18 13	4 40	18 17	12 7
7	M	2 58 39	16 13 19	16 42	0 5 17	5 3	18 25	12 4
8	Tu	3 2 36	17 11 18	16 59	12 13	5 11	17 44	12 1
9	W	3 6 33	18 9 16	17 15	24 6	5 7	16 16	11 59
10	Th	3 10 29	19 7 11	17 31	5 52 58	4 49	14 7	11 57
11	F	3 14 26	20 5 5	17 47	17 55	4 19	11 22	11 55
12	S	3 18 22	21 2 57	18 2	0 m 2	3 37	8 5	11 52
13	S	3 22 19	22 0 47	18 17	12 22	2 44	4 24	11 50
14	M	3 26 15	22 58 35	18 32	25 0	1 42	0 25	11 47
15	Tu	3 30 12	23 56 22	18 46	8 1	0 33	3 S 42	11 45
16	W	3 34 8	24 54 7	19 1	21 27	0 N 40	7 45	11 42
17	Th	3 38 5	25 51 51	19 14	5 m 19	1 52	11 32	11 39
18	F	3 42 2	26 49 33	19 28	19 34	3 0	14 45	11 37
19	S	3 45 58	27 47 14	19 41	4 7 10	3 57	17 6	11 35
20	S	3 49 55	28 44 54	19 54	18 58	4 40	18 21	11 33
21	M	3 53 51	29 42 33	20 6	3 w 51	5 4	18 21	11 31
22	Tu	3 57 48	0 11 40	20 19	18 40	5 7	17 6	11 29
23	W	4 1 44	1 37 46	20 30	3 m 18	4 50	14 44	11 26
24	Th	4 5 41	2 35 22	20 42	17 40	4 15	11 30	11 23
25	F	4 9 37	3 32 57	20 53	1 x 43	3 26	7 40	11 20
26	S	4 13 34	4 30 31	21 4	15 27	2 25	3 30	11 18
27	S	4 17 31	5 28 4	21 14	28 52	1 18	0 N 45	11 16
28	M	4 21 27	6 25 36	21 24	12 7 1	0 8	4 53	11 14
29	Tu	4 25 24	7 23 8	21 34	24 55	1 8	1 8 43	11 12
30	W	4 29 20	8 20 38	21 43	7 x 36	2 6	12 5	11 10
31	Th	4 33 17	9 18 8	21 52	20 6	3 3	14 51	11 8

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 14	18 N 38	0 8 8	18 N 16	0 N 33	17 N 14	13 28
4	0 16	19 12	0 0	19 15	1 4	19 27	13 19
7	0 18	19 44	0 N 6	20 15	1 31	21 22	13 9
10	0 20	20 14	0 13	21 4	1 54	22 56	13 0
13	0 22	20 43	0 21	21 53	2 10	24 6	12 50
16	0 24	21 9	0 29	22 34	2 19	24 54	12 41
19	0 25	21 35	0 36	23 10	2 21	25 22	12 31
22	0 27	21 57	0 43	23 38	2 14	25 31	12 22
25	0 28	22 20	0 50	24 3	2 0	25 25	12 12
28	0 30	22 40	0 56	24 18	1 38	25 6	12 3
31	0 32	22 58	1 2	24 35	1 9	24 36	11 53

D M	h		♈		♉		♊		♋		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'	°	'	°	'		°	'	°	'	°	'	°
1	14 7 15	8 5 31	22 5 28	22 5 29	16 5 11						♀ ♂ ♂			Δ				
2	14 12	8 45 23	11 23	43 18	20													
3	14 8 8	59 23	54 24	57 20	27	☉ ♂ ♀	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈	♈
4	14 5 9	13 24	36 26	10 22	33													
5	14 1 9	27 25	19 27	24 24	38													
6	13 58 9	41 26	1 28	38 26	41	♀ ♂ ♂								♈				
7	13 54 9	56 26	43 29	51 28	42													
8	13 51 10	10 27	46 1 11	5 0 41								*	Δ		*	*	*	*
9	13 47 10	24 28	8 2	19 2	37	♀ ♂ ♀										*	*	*
10	13 43 10	39 28	50 3	32 4	31										□		*	*
11	13 39 10	53 29	32 4	46 6	22							□	□	Δ				
12	13 35 11	7 0 11	14 6	0 8	10													
13	13 31 11	23 0	56 7	13 9	54								*	□	Δ		□	□
14	13 27 11	36 1	38 8	27 11	35							Δ						
15	13 23 11	51 2	20 9	40 13	13	♈ ♂ ♀	♈							*		Δ	Δ	Δ
16	13 19 12	5 3	2 10	54 14	48	♀ ♂ ♀	♈											
17	13 15 12	19 3	44 12	7 16	20									♈		♈		
18	13 11 12	33 4	26 13	21 17	48	♀ ♂ ♀	♈											
19	13 6 12	47 5	7 14	34 19	13							♈					♈	♈
20	13 2 13	1 5	49 15	47 20	35									♈			♈	♈
21	12 58 18	15 6	31 17	1 21	53													
22	12 54 18	29 7	12 18	14 23	6								*			Δ		
23	12 50 18	43 7	54 19	28 24	16							Δ		*			Δ	
24	12 46 18	57 8	36 20	41 25	23								□	*	□		Δ	
25	12 41 14	11 9	17 21	54 26	26							□						Δ
26	12 37 14	25 9	59 23	7 27	25								Δ	□	*	□		
27	12 32 14	38 10	40 24	21 28	20													□
28	12 28 14	52 11	22 25	34 29	11							*		Δ		*		
29	12 23 15	6 12	3 26	47 29	58	♈ ♂ ♀	♈										*	*
30	12 19 15	19 12	45 28	1 0 54	41													
31	12 14 15	33 13	26 29	14 1	20								♈		♈			

JUNE XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
1	15 48	0 N 24	14 S 47	1 N 47	20 S 30	0 S 56	15 N 41
4	15 48	0 24	14 44	1 47	20 29	0 56	15 53
7	15 47	0 24	14 42	1 47	20 27	0 56	16 4
10	15 47	0 24	14 41	1 47	20 25	0 56	16 15
13	15 46	0 24	14 40	1 46	20 24	0 57	16 26
16	15 46	0 24	14 39	1 46	20 23	0 57	16 37
19	15 46	0 24	14 38	1 46	20 21	0 57	16 47
22	15 46	0 24	14 37	1 46	20 19	0 57	16 56
25	15 46	0 24	14 35	1 45	20 18	0 57	17 6
28	15 45	0 24	14 32	1 45	20 17	0 57	17 15

D M	D W	Siderea Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	4 37 13	10 11 15 37	22 N 0	2 11 27	3 S 51	16 N 54	11 m 6
2	S	4 41 10	11 13 6 22	9 14 40	4 23 18	9 11 4		
3	S	4 45 6	12 10 33 22	16 26 45	4 52 18	34 11 2		
4	M	4 49 3	13 7 59 22	24 8 43	5 3 18	8 11 0		
5	Tu	4 53 0	14 5 24 22	31 20 37	5 1 16	56 10 58		
6	W	4 56 56	15 2 48 22	37 2 28	4 45 14	59 10 56		
7	Th	5 0 53	16 0 12 22	44 14 20	4 18 12	26 10 54		
8	F	5 4 49	16 57 34 22	49 26 15	3 39 9	21 10 52		
9	S	5 8 46	17 54 55 22	55 8 m 19	2 50 5	50 10 50		
10	S	5 12 42	18 52 15 23	0 20 37	1 52 2	0 10 48		
11	M	5 16 39	19 49 34 23	4 3 12	0 48 28	0 10 47		
12	Tu	5 20 35	20 46 52 23	8 16 10	0 N 21	6 2 10 46		
13	W	5 24 32	21 44 10 23	12 29 36	1 31 9	55 10 44		
14	Th	5 28 29	22 41 26 23	16 18 m 29	2 38 13	23 10 42		
15	F	5 32 25	23 38 42 23	19 27 52	3 37 16	10 10 41		
16	S	5 36 22	24 35 56 23	21 12 f 39	4 24 17	59 10 40		
17	S	5 40 18	25 33 11 23	23 27 44	4 53 18	34 10 38		
18	M	5 44 15	26 30 25 23	25 12 v 57	5 1 17	50 10 36		
19	Tu	5 48 11	27 27 39 23	26 28 7	4 49 15	50 10 34		
20	W	5 52 8	28 24 52 23	27 13 m 4	4 17 12	48 10 32		
21	Th	5 56 4	29 22 5 23	28 27 41	3 28 9	2 10 31		
22	F	6 0 1	0 5 19 19 23	28 11 x 53	2 28 4	50 10 30		
23	S	6 3 58	1 16 32 23	27 25 39	1 21 0	30 10 29		
24	S	6 7 54	2 13 45 23	27 9 r 1	0 11 3	N 45 10 27		
25	M	6 11 51	3 10 58 23	25 22 2	0 S 58	7 42 10 26		
26	Tu	6 15 47	4 8 11 23	24 4 45	2 2 11	12 10 25		
27	W	6 19 44	5 5 25 23	22 17 14	2 58 14	8 10 24		
28	Th	6 23 40	6 2 38 23	19 29 31	3 46 16	23 10 23		
29	F	6 27 37	6 59 52 23	17 11 11 40	4 23 17	52 10 22		
30	S	6 31 34	7 57 5 23	13 23 42	4 47 18	32 10 21		

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 32	23 N 3	1 N 5	24 N 33	0 N 58	24 N 24	11 49
4	0 34	23 19	1 10	24 36	0 19	23 44	11 39
7	0 35	23 32	1 17	24 30	0 26	22 58	11 30
10	0 37	23 41	1 22	24 18	1 15	22 9	11 20
13	0 38	23 52	1 26	24 2	2 6	21 20	11 11
16	0 40	24 0	1 30	23 37	2 55	20 32	11 1
19	0 41	24 6	1 34	23 9	3 38	19 50	10 52
22	0 43	24 9	1 37	22 29	4 11	19 16	10 42
25	0 44	24 11	1 39	21 52	4 32	18 53	10 33
28	0 46	24 12	1 41	21 5	4 40	18 43	10 23

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	12 7 10	15 8 47	14 11 7	0 25 27	1 25 55								
2	12 5 16	14 48	1 40	2 26		♈ ♉	♈		♈				
3	12 1 16	14 15	2 53	2 51	♈ ♉	♈ ♉							
4	11 56 16	28 16	16 4	3 11	♈ ♉		♈					♈	♈
5	11 52 16	41 16	51 5	3 27					*				
6	11 48 16	55 17	32 6	3 32	3 39								
7	11 43 17	8 18	13 7	45 3	48		*	☐	Δ	☐	*		
8	11 39 17	22 18	54 8	58 3	52								
9	11 34 17	35 19	35 10	11 3	50			*	☐			*	*
10	11 30 17	48 20	16 11	24 3	43	♀ Δ ♈	☐			Δ	☐		
11	11 25 18	1 20	57 12	37 3	32								☐
12	11 21 18	14 21	38 13	50 3	18		Δ		*		Δ	☐	
13	11 17 18	27 22	18 15	3 3	0								Δ
14	11 12 18	40 22	59 16	16 2	38			♈		♈		Δ	
15	11 8 18	53 23	39 17	29 2	13	♈ ♉	♈						
16	11 3 19	6 24	20 18	42 1	45	♀ * ♈			♈				
17	10 59 19	19 25	0 19	55 1	15		♈				♈		♈
18	10 55 19	32 25	41 21	8 0	42			*		Δ			
19	10 51 19	45 26	21 22	20 0	8							♈	
20	10 47 19	58 27	2 23	33 29	11 33			☐	*	☐			
21	10 43 20	10 27	42 24	45 28	58	♈ ♉	Δ				Δ		Δ
22	10 39 20	23 28	23 25	58 28	24	♈ ♉		Δ	☐				
23	10 35 20	35 29	3 27	10 27	51		☐			*	☐	Δ	☐
24	10 31 20	48 29	43 28	23 27	19				Δ				
25	10 27 21	0 0 23	29 35	26 49									*
26	10 23 21	12 1	4 0 2	48 26	21			*				*	☐
27	10 19 21	24 1	44 2	0 25	57			♈		♈			
28	10 15 21	36 2	24 3	13 25	36							*	
29	10 12 21	48 3	4 4	25 25	19				♈				
30	10 8 22	0 3	44 5	38 25	7								♈

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N24	14 S 33	1 N44	20 S 16	0 S 57	17 N25
4	15	45	0 24	14 32	1 44	20 15	0 57	17 34
7	15	45	0 24	14 32	1 43	20 14	0 58	17 42
10	15	46	0 24	14 32	1 43	20 13	0 58	17 50
13	15	46	0 23	14 31	1 42	20 12	0 58	17 58
16	15	46	0 23	14 31	1 42	20 11	0 58	18 6
19	15	46	0 23	14 31	1 41	20 11	0 58	18 13
22	15	46	0 23	14 31	1 41	20 11	0 58	18 20
25	15	47	0 23	14 32	1 40	20 11	0 59	18 26
28	15	47	0 23	14 32	1 40	20 10	0 59	18 33
31	15	47	0 23	14 32	1 39	20 10	0 59	18 38

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	6 35 31	82 54 19	23 N10	5 55 40	4 S 59	18 N22	10 m 20
2	M	6 39 27	9 51 33	23 6 17	34 4 57	17 24	10 R 19	
3	Tu	6 43 23	10 48 46	23 1 29	25 4 43	15 41	10 18	
4	W	6 47 20	11 46 0	22 56 11	12 16 4 16	13 18	10 17	
5	Th	6 51 16	12 43 13	22 51 23	9 3 38	10 23	10 16	
6	F	6 55 13	13 40 27	22 46 5 m	6 2 50	7 0	10 16	
7	S	6 59 9	14 37 40	22 39 17	11 1 54	3 19	10 15	
8	S	7 3 6	15 34 53	22 33 29	28 0 52	0 S 35	10 15	
9	M	7 7 3	16 32 6	22 26 12	1 1 ON	14 4 32	10 14	
10	Tu	7 10 59	17 29 19	22 19 24	55 1 22	8 23	10 14	
11	W	7 14 56	18 26 31	22 11 8 m	15 2 27	11 57	10 13	
12	Th	7 18 52	19 23 44	22 3 22	3 3 26	14 59	10 13	
13	F	7 22 49	20 20 57	21 55 6	21 4 14	17 13	10 13	
14	S	7 26 45	21 18 10	21 46 21	6 4 47	18 23	10 12	
15	S	7 30 42	22 15 23	21 37 6 m	12 5 11	18 18	10 12	
16	M	7 34 38	23 12 36	21 28 21	31 4 54	16 54	10 12	
17	Tu	7 38 35	24 9 50	21 18 6 m	50 4 26	14 17	10 D 12	
18	W	7 42 32	25 7 5	21 8 21	58 3 39	10 44	10 12	
19	Th	7 46 28	26 4 20	20 57 6	47 2 39	6 34	10 12	
20	F	7 50 25	27 1 35	20 46 21	10 1 30	2 8	10 12	
21	S	7 54 21	27 58 52	20 35 5 r	5 0 17	2 N17	10 12	
22	S	7 58 18	28 56 9	20 23 18	31 0 S 54	6 26	10 13	
23	M	8 2 14	29 53 28	20 12 18	33 2 11	0 8	10 13	
24	Tu	8 6 11	0 50 47	19 59 14	14 2 59	13 16	10 14	
25	W	8 10 7	1 48 7	19 47 26	37 3 48	15 44	10 14	
26	Th	8 14 4	2 45 29	19 34 8	48 4 25	17 26	10 14	
27	F	8 18 1	3 42 51	19 20 20	50 4 50	18 19	10 15	
28	S	8 21 57	4 40 14	19 7 25	46 5 2	18 24	10 15	
29	S	8 25 54	5 37 39	18 53 14	39 5 17	40	10 15	
30	M	8 29 50	6 35 4	18 39 26	30 4 47	16 11	10 16	
31	Tu	8 33 47	7 32 30	18 24 8	22 4 20	14 0	10 16	

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 47	24 N 10	1 S 42	20 N 13	4 S 35	18 N 47	10 Δ 14
4	0 48	24 6	1 42	19 6	4 18	19 4	10 4
7	0 49	24 1	1 42	18 15	3 52	19 32	9 55
10	0 51	23 54	1 41	16 27	3 19	20 7	9 45
13	0 52	23 45	1 39	15 59	2 41	20 47	9 36
16	0 53	23 35	1 36	14 41	2 0	21 26	9 26
19	0 54	23 22	1 33	13 29	1 18	21 59	9 17
22	0 55	23 8	1 29	12 8	0 37	22 22	9 7
25	0 56	22 52	1 24	10 46	0 N 2	22 29	8 58
28	0 57	22 33	1 17	9 20	0 36	22 16	8 48
31	0 59	22 14	1 11	7 57	1 4	21 38	8 39

D M	♂ Long.	♂ Long.	♂ Long.	♀ Long.	♀ Long.	Mutual Aspts.	Lunar Aspects.						
	° /	° /	° /	° /	° /		☉	☿	♂	♀	♂	♀	♀
1	10 ♀ 5	22 ♂ 12	42 24	6 ♀ 50	24 ♀ 59		♂ Δ			♂			
2	10 ♀ 1	22 5	4 8	22 ♀ 55	24 ♀ 55	☉ Δ ♀			*				
3	9 58	22 35	5 44	9 15	24 D 56	♀ Δ ♂							
4	9 54	22 47	6 24	10 27	25 3	♀ □ ♀		□ Δ		♂			
5	9 51	22 58	7 4	11 40	25 14				□			*	
6	9 47	23 10	7 44	12 52	25 30			*	□		*		
7	9 44	23 21	8 23	14 42	25 53		*						
8	9 41	23 33	9 3	15 17	26 21				Δ			□	
9	9 38	23 44	9 43	16 29	26 53		□	*		□	*		
10	9 35	23 55	10 22	17 41	27 30	♂ Δ ♀						*	Δ
11	9 32	24 6	11 3	18 53	28 12			♂			Δ		
12	9 29	24 17	11 42	20 52	29 0		Δ		♂			□	
13	9 26	24 28	12 21	21 17	29 53				♂				
14	9 23	24 38	13 12	22 29	0 51						Δ		
15	9 20	24 49	13 40	23 41	1 53			*				♂	
16	9 18	24 59	14 20	24 53	3 0	♀ □ ♀	♂			Δ	♂		
17	9 15	25 10	14 59	26 5	4 11			□	*				
18	9 13	25 20	15 39	27 17	5 27	☉ * ♀		Δ		□	♂		
19	9 11	25 30	16 18	28 28	6 49			Δ	□		*		Δ
20	9 9	25 40	16 58	29 40	8 15		Δ			*	Δ		
21	9 7	25 50	17 37	0 51	9 45	♀ Δ ♀			Δ			□	
22	9 5	26 0	18 16	2 3	11 19							□	
23	9 3	26 10	18 55	3 14	12 57		□	♂			*	Δ	*
24	9 1	26 20	19 34	4 26	14 39								*
25	8 59	26 29	20 13	5 37	16 24		*			♂			
26	8 57	26 38	20 53	6 49	18 13				♂			□	
27	8 55	26 47	21 32	8 0	20 5	♀ ♂ ♂							
28	8 54	26 56	22 11	9 11	22 0	♀ □ ♀							
29	8 52	27 5	22 50	10 23	23 57	♀ * ♀		Δ			*		
30	8 51	27 14	23 29	11 34	25 56					*	♂		♂
31	8 49	27 23	24 8	12 45	27 57	♀ * ♀	♂	□	Δ				

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 23	14 S 33	1 N 38	20 S 10	0 S 59	18 N 40
4	15	47	0 23	14 34	1 38	20 10	0 59	18 45
7	15	48	0 23	14 35	1 37	20 11	1 0	18 50
10	15	48	0 23	14 36	1 37	20 12	1 0	18 55
13	15	49	0 23	14 37	1 36	20 12	1 1	18 59
16	15	49	0 23	14 38	1 35	20 13	1 1	19 3
19	15	50	0 23	14 39	1 34	20 14	1 1	19 7
22	15	50	0 22	14 41	1 34	20 15	1 1	19 10
25	15	51	0 22	14 43	1 33	20 16	1 2	19 13
28	15	51	0 22	14 45	1 33	20 17	1 2	19 16
31	15	52	0 22	14 47	1 32	20 18	1 2	19 18

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	8 37 47	8 29 57	18 N 9	20 2 16	3 S 42	11 N 13	10 m 16
2	Th	8 41 43	9 27 25	17 54	2 m 14	2 54	7 59	10 17
3	F	8 45 40	10 24 54	17 39	14 17	1 57	4 23	10 17
4	S	8 49 36	11 22 23	17 23	26 28	0 55	0 33	10 18
5	S	8 53 33	12 19 54	17 7	8 Δ 50	0 N 11	3 S 21	10 19
6	M	8 57 30	13 17 25	16 51	21 27	1 18	7 10	10 20
7	Tu	9 1 26	14 14 57	16 34	4 m 21	2 22	10 45	10 21
8	W	9 5 23	15 12 30	16 17	17 38	3 21	18 53	10 22
9	Th	9 9 19	16 10 3	16 0	1 f 19	4 11	16 21	10 23
10	F	9 13 16	17 7 37	15 43	15 26	4 47	17 55	10 24
11	S	9 17 12	18 5 12	15 25	29 59	5 6	18 22	10 25
12	S	9 21 9	19 2 49	15 8	14 v 52	5 5	17 35	10 26
13	M	9 25 5	20 0 26	14 50	0 m 0	4 43	15 34	10 27
14	Tu	9 29 2	20 58 4	14 31	15 12	4 1	12 27	10 28
15	W	9 32 59	21 55 44	14 13	0 x 18	3 2	8 32	10 30
16	Th	9 36 55	22 53 25	13 54	15 8	1 52	4 9	10 31
17	F	9 40 52	23 51 7	13 35	29 36	0 36	0 N 23	10 33
18	S	9 44 48	24 48 51	13 16	13 r 38	0 S 40	4 46	10 34
19	S	9 48 45	25 46 36	12 56	27 11	1 51	8 45	10 36
20	M	9 52 41	26 44 23	12 37	10 5	2 55	12 10	10 38
21	Tu	9 56 38	27 42 12	12 17	23 2	3 47	14 53	10 40
22	W	10 0 34	28 40 3	11 57	5 π 27	4 28	16 51	10 42
23	Th	10 4 31	29 37 55	11 37	17 37	4 55	17 59	10 44
24	F	10 8 28	0 m 35	49 11	16 29	5 9	18 19	10 46
25	S	10 12 24	1 33 46	10 56	11 5	5 10	17 49	10 48
26	S	10 16 21	2 31 43	10 35	23 22	4 57	16 33	10 50
27	M	10 20 17	3 29 43	10 14	5 2	4 32	14 35	10 52
28	Tu	10 24 14	4 27 44	9 53	17 8	3 55	11 59	10 54
29	W	10 28 10	5 25 47	9 32	29 8	3 7	8 52	10 56
30	Th	10 32 7	6 23 52	9 10	11 m 16	2 10	5 21	10 58
31	F	10 36 2	7 21 58	8 49	23 29	1 6	1 34	11 0

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	0 N 59	22 N 9	1 N 10	7 N 25	1 N 12	21 N 21	8 35
4	1 0	21 47	1 3	5 55	1 31	20 12	8 25
7	1 1	21 26	0 55	4 25	1 42	18 43	8 16
10	1 2	21 2	0 46	2 55	1 46	16 58	8 6
13	1 3	20 38	0 38	1 21	1 44	15 0	7 57
16	1 4	20 13	0 28	0 S 12	1 37	12 54	7 47
19	1 5	19 45	0 18	1 45	1 25	10 42	7 38
22	1 6	19 15	0 7	3 17	1 10	8 27	7 28
25	1 7	18 46	0 S 4	4 50	0 52	6 11	7 19
28	1 8	18 14	0 17	6 21	0 32	3 55	7 9
31	1 9	17 40	0 30	7 49	0 10	1 41	7 0

[illegible]

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 22	14 S 48	1 N 31	20 S 19	1 S 3	19 N 19
4	15	54	0 22	14 50	1 31	20 21	1 3	19 21
7	15	55	0 22	14 52	1 30	20 22	1 4	19 22
10	15	56	0 22	14 55	1 30	20 24	1 4	19 23
13	15	57	0 22	14 57	1 29	20 26	1 4	19 24
16	15	57	0 22	14 59	1 29	20 28	1 4	19 24
19	15	58	0 22	15 2	1 28	20 30	1 5	19 24
22	15	59	0 22	15 4	1 28	20 32	1 5	19 24
25	16	0	0 22	15 7	1 27	20 34	1 6	19 23
28	16	0	0 22	15 10	1 27	20 36	1 6	19 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 39 57	8 ^m 20 6	8 N 27	5 ^h 54	0 N 1	2 S 19	11 ^m 1
2	S	10 43 53	9 18 16	8 5 18	29	1 10	6 10	11 3
3	M	10 47 50	10 16 27	7 43 1 ^m	18	2 16	9 48	11 5
4	Tu	10 51 46	11 14 39	7 21 14	21	3 17	13 1	11 7
5	W	10 55 43	12 12 53	6 59 27	42	4 8	15 38	11 9
6	Th	10 59 39	13 11 8	6 37 11	f 22	4 47	17 25	11 12
7	F	11 3 36	14 9 25	6 14 25	20	5 10	18 13	11 14
8	S	11 7 32	15 7 43	5 52 9 ^w	38	5 14	17 53	11 16
9	S	11 11 29	16 6 3	5 29 24	12	4 59	16 23	11 19
10	M	11 15 26	17 4 25	5 7 8 ^m	58	4 24	13 48	11 22
11	Tu	11 19 22	18 2 48	4 44 23	47	3 31	10 17	11 25
12	W	11 23 19	19 1 12	4 21 8 ^m	36	2 24	6 8	11 28
13	Th	11 27 15	19 59 39	3 58 23	14	1 8	1 39	11 31
14	F	11 31 12	20 58 7	3 35 7 ^r	35	0 S 11	2 N 50	11 33
15	S	11 35 8	21 56 38	3 12 21	35	1 28	7 4	11 36
16	S	11 39 5	22 55 10	2 49 5 ^h	11	2 37	10 48	11 39
17	M	11 43 1	23 53 45	2 26 18	22	3 36	13 52	11 42
18	Tu	11 46 58	24 52 22	2 2 1 ^h	11	4 22	16 9	11 45
19	W	11 50 54	25 51 1	1 39 13	39	4 54	17 36	11 47
20	Th	11 54 51	26 49 42	1 16 25	52	5 12	18 12	11 50
21	F	11 58 48	27 48 25	0 52 7 ^h	53	5 17	17 57	11 52
22	S	12 2 44	28 47 11	0 29 19	47	5 7	16 56	11 55
23	S	12 6 41	29 45 59	0 6 1 ^h	38	4 45	15 11	11 58
24	M	12 10 37	0 ^h 44 50	0 S 18	13	4 10	12 47	12 1
25	Tu	12 14 34	1 43 43	0 41 25	29	3 25	9 49	12 4
26	W	12 18 30	2 42 37	1 5 7 ^m	36	2 29	6 25	12 7
27	Th	12 22 27	3 41 34	1 28 19	53	1 26	2 42	12 10
28	F	12 26 23	4 40 34	1 52 2 ^h	22	0 18	1 S 13	12 13
29	S	12 30 20	5 39 35	2 15 15	5	0 N 53	5 8	12 16
30	S	12 34 17	6 38 38	2 38 28	1	2 1 8	53	12 20

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 9	17 N 38	0 S 32	8 S 22	0 N 2	0 N 57	6 57
4	1 10	17 0	0 44	9 50	0 S 22	1 S 12	6 47
7	1 11	16 25	0 57	11 18	0 46	3 18	6 38
10	1 12	15 50	1 10	12 40	1 11	5 19	6 28
13	1 12	15 15	1 23	14 5	1 35	7 14	6 19
16	1 18	14 37	1 37	15 24	1 59	9 1	6 9
19	1 14	14 0	1 49	16 42	2 22	10 41	6 0
22	1 15	13 22	2 2	17 55	2 44	12 10	5 50
25	1 15	12 44	2 15	19 7	3 3	13 28	5 41
28	1 16	12 4	2 28	20 12	3 18	14 30	5 31

D M	h ₂ Long.	♄ Long.	♂ Long.	♀ Long.	♀ Long.	Mutual Aspts.	Lunar Aspects.						
	° /	° /	° /	° /	° /		☉	☿	♂	♀	♄	♊	♋
1	8 59	0 48	14 41	20 8	27 40								
2	9 1	0 51	15 19	21 17	29 12	☉ ☐ h							
3	9 3	0 55	15 57	22 25	0 43	☿ ☐ ♄							
4	9 5	0 58	16 35	23 34	2 12	☉ * h	*	♂					
5	9 7	1 1	17 13	24 42	3 40								
6	9 9	1 4	17 51	25 51	5 7		☐		♂				*
7	9 12	1 7	18 29	26 59	6 32								
8	9 14	1 9	19 7	28 7	7 56		Δ	*					*
9	9 17	1 11	19 45	29 15	9 19	☿ * h							☐
10	9 20	1 13	20 23	0 23	10 41	☿ ☐ h	☐	*					Δ
11	9 22	1 15	21 1	1 31	12 1								
12	9 25	1 17	21 39	2 39	13 20								
13	9 28	1 19	22 16	3 46	14 37		♂						
14	9 31	1 20	22 54	4 53	15 52								
15	9 34	1 21	23 32	6 0	17 6								
16	9 37	1 22	24 9	7 7	18 19								
17	9 40	1 23	24 47	8 14	19 30		Δ	♂					
18	9 43	1 23	25 25	9 21	20 39								
19	9 47	1 23	26 2	10 28	21 45								
20	9 51	1 23	26 40	11 34	22 49		☐		♂			*	Δ
21	9 54	1 23	27 18	12 41	23 51								
22	9 58	1 23	27 55	13 47	24 52								
23	10 1	1 23	28 33	14 53	25 50		*						Δ
24	10 5	1 23	29 11	15 59	26 45								☐
25	10 9	1 22	29 48	17 5	27 36	☉ Δ ♄							*
26	10 13	1 21	0 26	18 10	28 24								
27	10 17	1 20	1 3	19 16	29 8	♂ ☐ ♄		*	☐				*
28	10 21	1 18	1 41	20 21	29 49								
29	10 25	1 17	2 18	21 27	0 26								
30	10 29	1 15	2 56	22 32	0 58								

OCTOBER XXXI DAYS.

D	Sun's		Herschel.		Saturn.		Jupiter.	
M	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 21	15 S 14	1 N 25	20 S 39	1 S 6	19 N 21
4	16	1	0 21	15 17	1 25	20 41	1 6	19 19
7	16	2	0 21	15 20	1 24	20 44	1 7	19 17
10	16	3	0 21	15 24	1 24	20 47	1 7	19 14
13	16	4	0 21	15 27	1 23	20 49	1 7	19 11
16	16	5	0 21	15 29	1 23	20 52	1 7	19 8
19	16	5	0 21	15 32	1 22	20 54	1 7	19 5
22	16	6	0 21	15 35	1 22	20 56	1 7	19 1
25	16	7	0 21	15 38	1 22	20 59	1 7	18 57
28	16	7	0 21	15 42	1 22	21 2	1 7	18 53
31	16	8	0 21	15 46	1 21	21 4	1 7	18 49

D	D	Sidereal	☉		☉	♄	♄	♄	♃	
M	W	Time.	Long.		Declin	Long.	Lat.	Declin	Long.	
		H. M. S.	°	'	"	°	'	°	'	"
1	M	12 38 13	7	37	43	3 S 21	11 m 11	3 N 5	12 S 16	12 m 23
2	Tu	12 42 10	8	36	50	3 25	24 34	4 0	15 3	12 26
3	W	12 46 6	9	35	59	3 48	8 f 11	4 42	17 3	12 30
4	Th	12 50 3	10	35	9	4 12	21 59	5 8	18 5	12 33
5	F	12 53 59	11	34	22	4 35	5 w 58	5 17	18 3	12 36
6	S	12 57 56	12	33	36	4 58	20 7	5 7	16 53	12 40
7	S	13 1 52	13	32	52	5 21	4 m 24	4 38	14 40	12 43
8	M	13 5 49	14	32	9	5 44	18 46	5 52	11 33	12 46
9	Tu	13 9 46	15	31	29	6 7	3 x 9	2 50	7 43	12 50
10	W	13 13 42	16	30	50	6 30	17 30	1 39	3 26	12 53
11	Th	13 17 39	17	30	13	6 53	1 r 43	0 12	1 N 1	12 57
12	F	13 21 35	18	29	39	7 15	15 45	0 8	56 5	13 0
13	S	13 25 32	19	29	6	7 38	29 32	2 9	9 19	13 4
14	S	13 29 28	20	28	35	8 0	13 1	3 13	12 42	13 7
15	M	13 33 25	21	28	6	8 23	26 9	4 4	15 21	13 11
16	Tu	13 37 21	22	27	40	8 45	8 1 58	4 43	17 10	13 15
17	W	13 41 18	23	27	15	9 7	21 29	5 6	18 6	13 18
18	Th	13 45 15	24	26	53	9 29	3 5 43	5 15	18 9	13 21
19	F	13 49 11	25	26	34	9 51	15 46	5 10	17 24	13 24
20	S	13 53 8	26	26	16	10 13	27 40	4 52	15 52	13 28
21	S	13 57 4	27	26	10	10 34	9 2 32	4 21	13 41	13 32
22	M	14 1 1	28	25	49	10 56	21 25	3 39	10 55	13 36
23	Tu	14 4 57	29	25	38	11 17	3 m 24	2 47	7 40	13 40
24	W	14 8 54	0 m	25	30	11 38	15 35	1 47	4 2	13 43
25	Th	14 12 50	1	25	24	11 59	28 0	0 41	0 10	13 46
26	F	14 16 47	2	25	20	12 20	10 42	0 N 29	3 S 48	13 50
27	S	14 20 44	3	25	19	12 40	23 42	1 38	7 41	13 53
28	S	14 24 40	4	25	19	13 0	7 m 2	2 44	11 17	13 57
29	M	14 28 37	5	25	21	13 21	20 39	3 42	14 21	14 1
30	Tu	14 32 33	6	25	25	13 40	4 f 30	4 25	16 40	14 5
31	W	14 36 30	7	25	31	14 0	18 32	4 59	18 0	14 9

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 17	11 N 25	2 S 40	21 S 17	8 S 29	15 S 14	5 Δ 22
4	1 18	10 44	2 52	22 12	8 32	15 34	5 12
7	1 18	10 3	3 4	23 9	3 25	15 22	5 3
10	1 19	9 22	3 15	24 0	3 5	14 34	4 53
13	1 19	8 41	3 25	24 44	2 29	13 4	4 44
16	1 20	7 59	3 35	25 23	1 38	11 0	4 34
19	1 21	7 16	3 43	25 58	0 37	8 43	4 25
22	1 21	6 34	3 52	26 26	0 N 23	6 48	4 15
25	1 22	5 51	3 57	26 52	1 12	5 27	4 5
28	1 22	5 7	4 2	27 13	1 47	5 3	3 56
31	1 23	4 23	4 7	27 24	2 6	5 28	3 46

D M	h		z		δ		♀		♀		Mutual Aspts.	Lunar Aspects.								
	Long.		Long.		Long.		Long.		Long.			☉	☿	♈	♉	♊	♋	♌	♍	
1	10	34	1	11	13	3	33	23	37	1	26									
2	10	39	1	11	11	4	11	24	41	1	48			♂						
3	10	44	1	8	4	4	48	25	45	2	4			*		♂				
4	10	48	1	5	5	26	26	49	2	12		☉ * h					□			♂
5	10	53	1	2	6	3	27	53	2	14				□ *				Δ		*
6	10	57	0	59	6	40	28	57	2	9										
7	11	2	0	56	7	17	0	0	1	58						*	Δ		*	□
8	11	7	0	52	7	55	1	8	1	39	♀ ♂ z		Δ	□						
9	11	12	0	48	8	32	2	5	1	11							□	♂	□	Δ
10	11	17	0	44	9	9	3	8	0	38				Δ	□					
11	11	22	0	40	9	46	4	10	29	47							*		Δ	
12	11	27	0	36	10	23	5	13	28	55				♂			Δ			
13	11	32	0	32	11	0	6	15	27	57										♂
14	11	37	0	27	11	37	7	16	26	51	♂ □ h				♂				Δ	
15	11	42	0	23	12	14	8	17	25	41								♂		
16	11	48	0	18	12	51	9	17	24	27	♂ * h						♂		□	♂
17	11	53	0	13	13	28	10	18	23	13	☉ ♂ ♀		Δ							Δ
18	11	58	0	8	14	5	11	18	22	0										
19	12	4	0	3	14	42	12	17	20	50	♀ ♂ h			Δ			*			□
20	12	9	29	0	57	15	19	13	16	19	45		□				*			
21	12	15	29	51	15	56	14	14	18	49					□	Δ				Δ
22	12	21	29	45	16	32	15	13	18	1										*
23	12	27	29	39	17	9	16	11	17	23				*						
24	12	33	29	33	17	46	17	9	16	56					*		□		♂	□
25	12	39	29	27	18	22	18	7	16	41						*	Δ			
26	12	45	29	20	18	59	19	4	16	D87	♀ □ ♂					*				♂
27	12	51	29	14	19	86	20	0	16	44									*	
28	12	57	29	7	20	12	20	55	17	2				♂	♂					*
29	13	3	29	0	20	49	21	50	17	30									*	
30	13	9	28	53	21	26	22	44	18	7								♂		
31	13	15	28	46	22	3	23	37	18	53							♂		□	♂

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	10	0 N 21	15 S 47	1 N 21	21 S 5	1 S 7	18 N 47
4	16	10	0 21	15 50	1 21	21 8	1 7	18 42
7	16	11	0 21	15 54	1 20	21 11	1 7	18 37
10	16	12	0 21	15 58	1 20	21 14	1 7	18 32
13	16	12	0 21	16 1	1 19	21 16	1 7	18 27
16	16	13	0 21	16 4	1 19	21 19	1 6	18 21
19	16	14	0 21	16 7	1 19	21 21	1 6	18 16
22	16	14	0 21	16 10	1 19	21 24	1 6	18 11
25	16	15	0 21	16 13	1 18	21 26	1 5	18 5
28	16	15	0 21	16 16	1 18	21 28	1 5	18 0

D M	D W	Sidereal Time. H. M. S.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
1	Th	14 40 26	8 ^m 25 38	14 S 20	2 ^w 42	5 N 11	18 S 15	14 ^m 13
2	F	14 44 23	9 25 47	14 39	16 55	5 5	17 21	14 17
3	S	14 48 19	10 25 58	14 58	1 ^m 7	4 40	15 22	14 20
4	S	14 52 16	11 26 10	15 17	15 18	3 58	12 28	14 24
5	M	14 56 12	12 26 24	15 35	29 24	3 2	8 51	14 28
6	Tu	15 0 9	13 26 39	15 53	13 ^x 24	1 55	4 45	14 32
7	W	15 4 6	14 26 55	16 11	27 18	0 42	0 26	14 36
8	Th	15 8 2	15 27 14	16 29	11 ^r 3	0 8	32 3 N 53	14 40
9	F	15 11 59	16 27 33	16 46	24 39	1 44	7 57	14 43
10	S	15 15 55	17 27 54	17 4	8 8	2 49	11 32	14 46
11	S	15 19 52	18 28 17	17 20	21 15	3 44	14 29	14 50
12	M	15 23 48	19 28 42	17 37	4 [□] 12	4 25	16 39	14 54
13	Tu	15 27 45	20 29 8	17 53	16 54	4 53	17 57	14 58
14	W	15 31 41	21 29 36	18 9	29 21	5 6	18 21	15 1
15	Th	15 35 38	22 30 6	18 25	11 [☿] 34	5 5	17 53	15 5
16	F	15 39 35	23 30 37	18 40	23 36	4 50	16 38	15 9
17	S	15 43 31	24 31 11	18 55	5 [♊] 30	4 23	14 40	15 12
18	S	15 47 28	25 31 46	19 9	17 20	3 45	12 5	15 16
19	M	15 51 24	26 32 23	19 24	29 12	2 57	9 0	15 20
20	Tu	15 55 21	27 33 2	19 38	11 ^m 10	2 0	5 32	15 24
21	W	15 59 17	28 33 43	19 51	23 20	0 58	1 46	15 28
22	Th	16 3 14	29 34 25	20 5	5 [♈] 4	0 N 9	28 10	15 32
23	F	16 7 11	0 [♉] 35 9	20 18	18 34	1 17	6 6	15 35
24	S	16 11 7	1 35 54	20 30	1 ^m 46	2 22	9 52	15 39
25	S	16 15 4	2 36 42	20 42	15 22	3 22	13 14	15 43
26	M	16 19 0	3 37 30	20 54	29 22	4 11	15 57	15 47
27	Tu	16 23 57	4 38 20	21 5	13 [♊] 41	4 45	17 44	15 50
28	W	16 26 53	5 39 11	21 16	28 14	5 2	18 25	15 54
29	Th	16 30 50	6 40 3	21 27	12 ^w 52	4 59	17 52	15 58
30	F	16 34 46	7 40 56	21 37	27 29	4 37	16 9	16 1

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 23	4 N 11	4 S 7	27 S 27	2 N 10	5 S 44	3 Δ 43
4	1 24	3 28	4 8	27 35	2 13	6 54	3 38
7	1 24	2 46	4 8	27 36	2 8	8 24	3 24
10	1 25	2 3	4 6	27 35	1 57	10 5	3 14
13	1 25	1 20	4 2	27 26	1 41	11 51	3 5
16	1 26	0 40	3 54	27 16	1 23	13 38	2 55
19	1 26	0 S 5	3 47	26 59	1 4	15 22	2 46
22	1 26	0 47	3 34	26 41	0 43	17 3	2 36
25	1 26	1 29	3 20	26 17	0 22	18 35	2 27
28	1 27	2 16	2 57	25 52	0 2	20 0	2 17

D M	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /							
1	13 21	28 39	22 39	24 30	19 46		*					
2	13 27	28 32	23 16	25 23	20 42			*		Δ		□
3	13 33	28 24	23 52	26 15	21 47					Δ		
4	13 39	28 17	24 29	27 7	23 1		□	□	*			
5	13 46	28 9	25 52	27 58	24 17					□	*	Δ
6	13 52	28 2	25 42	28 48	25 35		Δ	Δ	□	*	♊	
7	13 59	27 54	26 18	29 37	26 55	☉♈♈				*	♊	□
8	14 5	27 46	26 55	0 25	28 18				Δ			
9	14 12	27 38	27 31	1 12	29 44	♊Δ♈						♊
10	14 19	27 30	28 7	1 58	1 13			♊				Δ
11	14 25	27 22	28 43	2 43	2 43	♊*♊				♈		
12	14 32	27 14	29 19	3 28	4 14		♊				Δ	
13	14 39	27 6	29 55	4 12	5 45				♊			
14	14 46	26 58	0 32	4 55	7 18						□	♊
15	14 53	26 50	1 8	5 37	8 51			Δ				♊Δ
16	14 59	26 42	1 44	6 18	10 25		Δ			*		
17	15 6	26 34	2 20	6 57	11 59			□		*		
18	15 12	26 26	2 56	7 35	13 33	♊♈♈			Δ			□
19	15 19	26 17	3 32	8 11	15 8	☉♊♈	□			□		
20	15 26	26 9	4 8	8 46	16 42			*	□			Δ
21	15 33	26 1	4 44	9 20	18 16		*			Δ		*
22	15 40	25 53	5 19	9 53	19 51						♈	□
23	15 47	25 41	5 55	10 24	21 26				*			
24	15 54	25 37	6 31	10 54	23 1							
25	16 1	25 28	7 6	11 23	24 86	♊♊♈		♈			*	
26	16 8	25 20	7 42	11 50	26 11		♈			♊		♈
27	16 15	25 12	8 18	12 15	27 45				♈		*	
28	16 22	25 4	8 53	12 38	29 19							
29	16 29	24 56	9 29	12 59	0 54		*			□	♈	
30	16 36	24 48	10 5	13 18	2 28					Δ		*

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 21	16 S 19	1 N 18	21 S 30	1 S 4	17 N 55
4	16 15	0 21	16 22	1 18	21 32	1 4	17 50
7	16 16	0 21	16 25	1 18	21 35	1 3	17 45
10	16 16	0 21	16 29	1 18	21 37	1 3	17 41
13	16 16	0 21	16 31	1 17	21 39	1 2	17 37
16	16 16	0 21	16 34	1 17	21 41	1 1	17 33
19	16 17	0 21	16 36	1 17	21 43	1 0	17 29
22	16 17	0 21	16 38	1 17	21 45	1 0	17 26
25	16 17	0 21	16 41	1 17	21 47	0 59	17 23
28	16 17	0 21	16 44	1 17	21 49	0 59	17 20
31	16 17	0 21	16 46	1 17	21 51	0 58	17 18

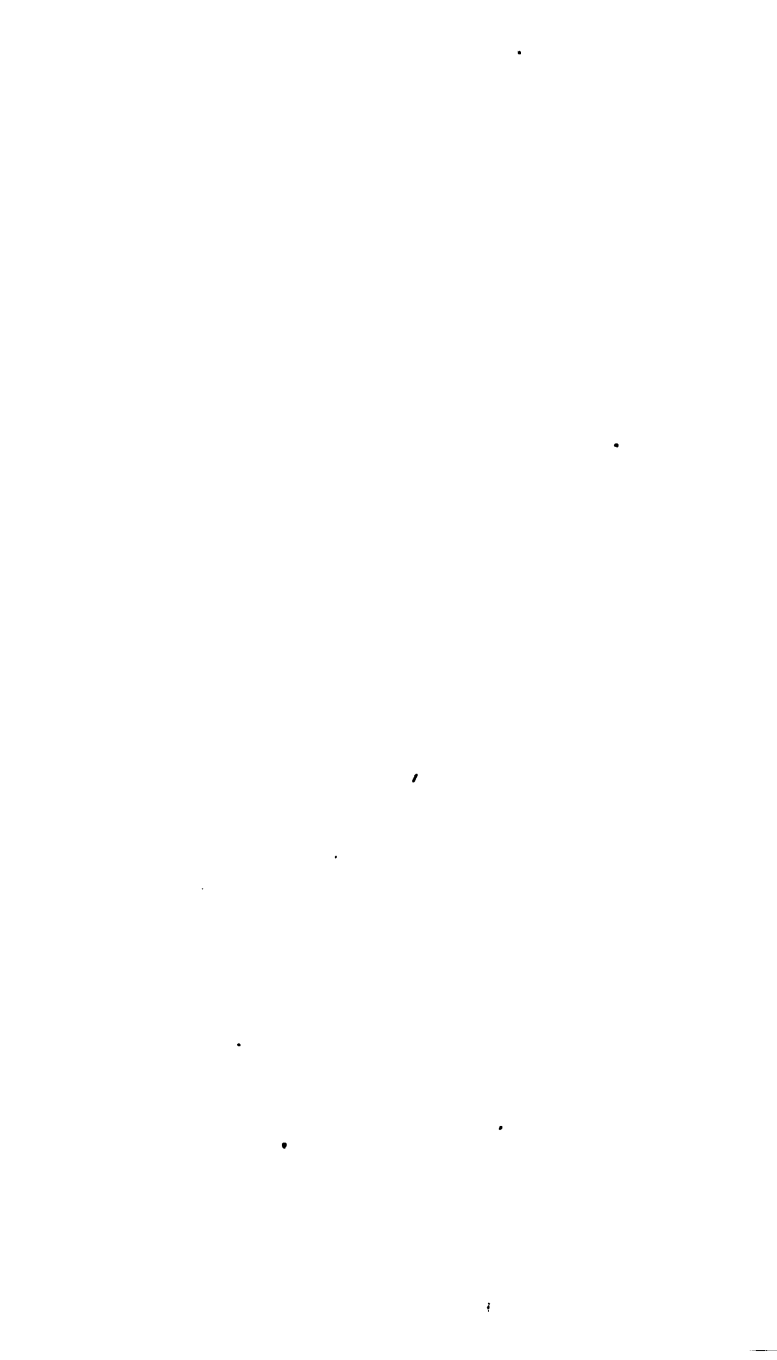
D M	D W	Sidereal Time.	☉ Long.		☽ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.
		H. M. S.	° ' "		° ' "		° ' "		° ' "		° ' "		° ' "
1	S	16 38 43	8 41 50	21 S 46	11 59	3 N 57	13 S 25	16 m 4					
2	S	16 42 40	9 42 45	21 56 28	16	3 3	9 54	16 7					
3	M	16 46 36	10 43 40	22 5 10	21	1 58	5 53	16 11					
4	Tu	16 50 33	11 44 36	22 13 24	11	0 47	1 36	16 15					
5	W	16 54 29	12 45 33	22 21 7	47	0 8 25	2 N 42	16 18					
6	Th	16 58 26	13 46 31	22 28 21	10	1 35 6	48	16 22					
7	F	17 2 22	14 47 29	22 36 40	22	2 38 10	30	16 25					
8	S	17 6 17	15 48 29	22 42 17	23	3 32 13	39	16 29					
9	S	17 10 15	16 49 29	22 49 0	13	4 14 16	4	16 33					
10	M	17 14 12	17 50 29	22 54 12	53	4 43 17	41	16 36					
11	Tu	17 18 9	18 51 30	23 0 25	23	4 58 18	25	16 38					
12	W	17 22 5	19 52 32	23 4 7	39	4 59 18	16	16 41					
13	Th	17 26 2	20 53 35	23 9 19	47	4 46 17	17	16 44					
14	F	17 29 58	21 54 39	23 13 1	45	4 21 15	33	16 47					
15	S	17 33 55	22 55 44	23 16 13	37	3 44 13	10	16 50					
16	S	17 37 51	23 56 49	23 19 25	26	2 58 10	16	16 53					
17	M	17 41 48	24 57 55	23 22 7	15	2 4 6	56	16 56					
18	Tu	17 45 44	25 59 2	23 24 19	11	1 4 3	18	16 59					
19	W	17 49 41	26 0 11	23 26 1	18	0 0 0	S 31	17 3					
20	Th	17 53 38	26 1 20	23 27 13	41	1 N 5 4	24	17 7					
21	F	17 57 34	26 2 29	23 27 2	27	2 9 8	13	17 10					
22	S	18 1 31	26 3 39	23 28 9	39	3 8 11	45	17 13					
23	S	18 5 27	26 4 50	23 27 23	19	3 58 14	47	17 16					
24	M	18 9 24	26 6 1	23 27 7	29	4 36 17	2	17 19					
25	Tu	18 13 21	26 7 13	23 25 22	4	4 57 18	17	17 22					
26	W	18 17 18	26 8 25	23 24 6	58	4 58 18	19	17 24					
27	Th	18 21 15	26 9 37	23 22 2	1	4 39 17	4	17 27					
28	F	18 25 12	26 10 49	23 19 7	5	4 14 38	17	17 30					
29	S	18 29 9	26 12 2	23 16 21	58	3 6 11	15	17 33					
30	S	18 33 6	26 13 13	23 12 6	34	2 0 7	15	17 36					
31	M	18 37 3	26 14 25	23 8 20	50	0 48 2	54	17 38					

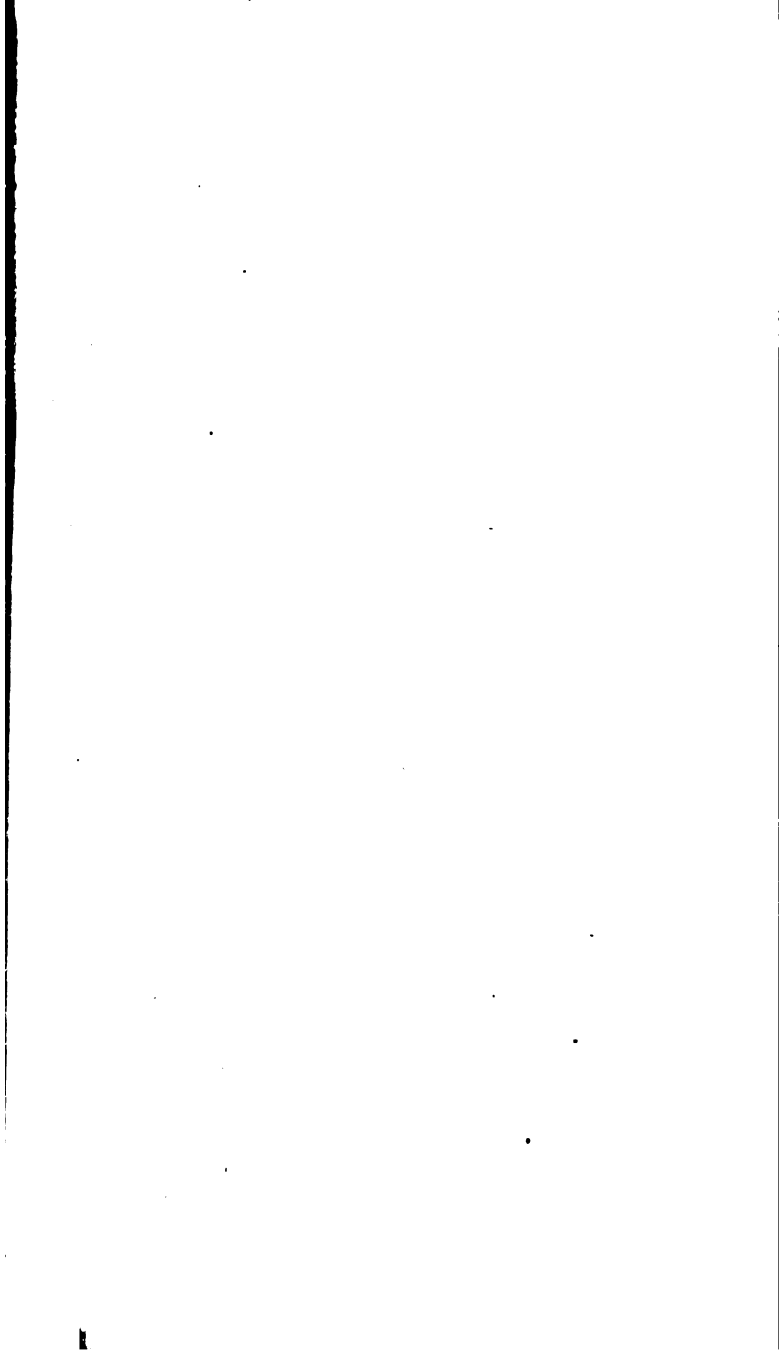
DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	1 N 27	2 S 53	2 S 39	25 S 24	0 S 19	21 S 17	2 ♄ 8
4	1 28	3 34	2 5	24 52	0 38	22 25	1 58
7	1 28	4 16	1 42	24 22	0 56	23 22	1 49
10	1 28	4 56	1 5	23 47	1 13	24 9	1 39
13	1 28	5 35	0 29	23 12	1 29	24 45	1 30
16	1 28	6 15	0 N 12	22 20	1 42	25 9	1 20
19	1 28	6 54	0 58	21 57	1 54	25 20	1 11
22	1 29	7 32	1 45	21 10	2 2	25 18	1 1
25	1 29	8 10	2 32	20 38	2 8	25 2	0 52
28	1 29	8 45	3 8	19 57	2 10	24 32	0 42
31	1 29	9 20	3 40	19 23	2 8	23 48	0 33

D M	♄	♂	♂	♀	♀	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♂	♀	♂	♀	♂
	°	'	°	'	°	'								
1	16 43	24 41	10 40	13 34	4 3		*	□	*		Δ			
2	16 50	24 33	11 16	13 48	5 37					□		*	□	
3	16 57	24 26	11 51	14 0	7 11		□	Δ	□			*		□
4	17 42	24 18	12 26	14 11	8 45					*				
5	17 11	24 11	13 21	14 20	10 20		Δ				♂	□	Δ	
6	17 18	24 3	13 37	14 27	11 54	☉ * ♂			Δ					
7	17 25	23 56	14 12	14 32	13 28									
8	17 32	23 49	14 47	14 34	15 3	♀ * ♂		♂		♂		Δ		
9	17 39	23 42	15 22	14 34	16 37	☉ ♂ ♀								
10	17 46	23 35	15 57	14 31	18 11	☉ ♂ ♄	♂		♂		Δ		♂	
11	17 53	23 28	16 32	14 25	19 46	♀ ♂ ♄								
12	18 0	23 21	17 7	14 18	21 20									
13	18 8	23 15	17 42	14 3	22 55			Δ		*	□	♂		
14	18 15	23 9	17 17	13 48	24 30	♂ * ♄								
15	18 22	23 3	18 51	13 31	26 5			□	Δ		*			
16	18 29	22 58	18 26	13 12	27 40		Δ			□			Δ	Δ
17	18 36	22 52	19 0	13 52	29 15								Δ	
18	18 43	22 46	19 35	13 30	0 50			*	□	Δ				
19	18 50	22 41	20 9	13 6	2 26		□							□
20	18 57	22 36	20 43	13 40	4 2				*				□	
21	19 4	22 31	21 18	13 12	5 38		*				♂			
22	19 11	22 26	22 52	13 42	7 14							*	*	
23	19 18	22 21	23 27	13 10	8 50			♂		♂				
24	19 25	22 16	24 1	13 35	10 26	♀ ♂ ♀								
25	19 33	22 11	24 35	13 59	12 3				♂		*			
26	19 40	22 7	25 9	13 22	13 39		♂					♂	♂	
27	19 47	22 3	25 43	13 44	15 16			*		Δ	□			
28	19 54	22 59	26 17	13 6	16 53	♀ * ♄								
29	20 0	22 55	26 51	13 29	18 30	☉ ♂ ♀		□	*	□	Δ		*	
30	20 7	22 52	27 25	13 54	20 7		*					*		
31	20 14	22 49	27 59	13 20	21 44	♀ Δ ♄		Δ	□	*			*	*







RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1811.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

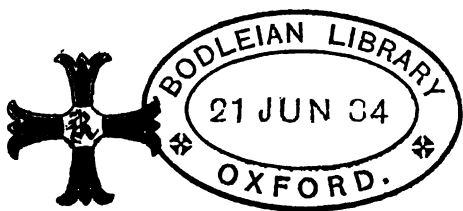
(Alm.) 93.9 v. 1.1

RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANET'S PLACES

For 1811.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 21	16 S 47	1 N 17	21 S 50	0 S 57	17
4	16 15	0 21	16 50	1 17	21 52	0 56	17
7	16 16	0 21	16 53	1 16	21 53	0 55	17
10	16 16	0 21	16 55	1 16	21 54	0 55	17
13	16 17	0 21	16 56	1 16	21 56	0 54	17
16	16 17	0 21	16 57	1 16	21 57	0 53	17
19	16 17	0 21	16 59	1 16	21 58	0 52	17
22	16 18	0 21	17 0	1 16	21 59	0 51	17
25	16 18	0 21	17 1	1 17	22 0	0 50	17
28	16 18	0 21	17 2	1 17	22 1	0 50	17
31	16 18	0 21	17 3	1 17	22 2	0 49	17

D M	D W	Sidereal Time.	☉ Long.		☽ Declin		♂ Long.		♀ Lat.		♂ Declin		L
		H. M. S.	° ' "		° ' "		° ' "		° ' "		° ' "		
1	Tu	18 41 0	10 W 15 37	23 S 4	4 47 44	0 S 25	1 N 30	17					
2	W	18 44 56	11 16 48	22 59 18	17 1 35	5 42		17					
3	Th	18 48 53	12 17 59	22 54 18	31 2 39	9 32		17					
4	F	18 52 49	13 19 9	22 48 14	28 3 32	12 49		17					
5	S	18 56 46	14 20 19	22 41 27	12 4 14	15 25		17					
6	S	19 0 42	15 21 28	22 35 9	44 4 43	17 16		17					
7	M	19 4 39	16 22 38	22 27 22	7 4 59	18 15		17					
8	Tu	19 8 36	17 23 46	22 20 45	21 5 0	18 24		17					
9	W	19 12 33	18 24 54	22 12 16	27 4 47	17 42		18					
10	Th	19 16 29	19 26 2	22 3 28	27 4 22	16 12		18					
11	F	19 20 25	20 27 10	21 54 10	21 3 46	14 2		18					
12	S	19 24 22	21 28 17	21 45 22	10 3 0	11 18		18					
13	S	19 28 18	22 29 24	21 35 3	59 2 5	8 6		18					
14	M	19 32 15	23 30 30	21 25 15	48 1 6	4 35		18					
15	Tu	19 36 11	24 31 37	21 14 27	43 0 3	0 52		18					
16	W	19 40 8	25 32 43	21 3 9	48 1 N 1	28 57		18					
17	Th	19 44 5	26 33 48	20 52 22	9 2 4	6 43		18					
18	F	19 48 1	27 34 54	20 40 4	49 3 3	10 16		18					
19	S	19 51 58	28 35 59	20 28 17	54 3 54	18 27		18					
20	S	19 55 54	29 37 8	20 15 1	29 4 83	16 0		18					
21	M	19 59 51	0 m 38 7	20 2 15	33 4 58	17 44		18					
22	Tu	20 3 47	1 39 11	19 49 0	6 5 5	18 22		18					
23	W	20 7 44	2 40 14	19 35 15	3 4 52	17 46		18					
24	Th	20 11 41	3 41 16	19 21 0	16 4 18	15 55		18					
25	F	20 15 37	4 42 16	19 6 15	34 3 25	12 55		18					
26	S	20 19 34	5 43 17	18 52 0	45 2 18	9 4		18					
27	S	20 23 30	6 44 16	18 36 15	41 1 3	4 41		18					
28	M	20 27 27	7 45 13	18 21 0	14 0 8	15 0		9					
29	Tu	20 31 23	8 46 10	18 5 14	22 1 31	4 N 17		18					
30	W	20 35 20	9 47 5	17 49 28	4 2 38	8 20		18					
31	Th	20 39 16	10 47 59	17 32 11	20 3 35	11 50		18					

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	1 N 29	9 S 35	4 N 12	19 S 10	2 S 6	23 S 31	0 29
4	1 29	10 10	4 46	18 40	1 57	22 28	0 19
7	1 29	10 44	5 17	18 10	1 42	21 13	0 10
10	1 29	11 17	5 37	17 49	1 20	19 48	0 0
13	1 29	11 51	5 56	17 32	0 50	18 16	29 51
16	1 28	12 22	6 8	17 26	0 11	16 45	29 41
19	1 28	12 54	6 12	17 16	0 N 36	15 22	29 32
22	1 27	13 24	6 11	17 20	1 29	14 20	29 22
25	1 27	13 54	6 10	17 18	2 22	13 48	29 13
28	1 26	14 22	6 2	17 24	3 6	13 50	29 3
31	1 26	14 50	5 52	17 33	3 35	14 20	28 54

D M	h		♄		♅		♆		♇		Mutual Aspts.	Lunar Aspects.							
	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.		☉	☿	♈	♉	♊	♋	♌	♍
	°	'	°	'	°	'	°	'	°	'									
1	20 7 20	21 8 45	28 2 32	4 47 48	23 7 20							☐						☐	
2	20 27 21	21 14 29	6 4 12	24 57										Δ				♂	☐
3	20 34 21	40 29 39	3 38 26	33									Δ	♂				♂	☐
4	20 41 21	37 0 12	3 6 28	7									Δ	♂					
5	20 48 21	35 0 45	2 36 29	40											♂				Δ
6	20 55 21	32 1 18	2 7 1 13	♂ ☐ ♂															
7	21 1 21	30 1 51	1 39 2 45	♀ * ♂											♂				
8	21 8 21	28 2 24	1 12 4 15															Δ	♂
9	21 15 21	27 2 57	0 48 5 43	☉ * ☿									♂	Δ		*			
10	21 21 21	26 3 29	0 27 7 8															☐	
11	21 28 21	25 4 2 0	9 8 30																♂
12	21 34 21	24 4 35	29 7 54	☉ Δ ♄									☐	Δ	☐				
13	21 40 21	23 5 7	29 42 11											*		Δ		♂	
14	21 47 21	23 5 39	29 25 12											*		Δ			
15	21 53 21	23 6 11	29 12 13										Δ		☐			☐	
16	22 0 21	D 23 6 43	29 4 14																Δ
17	22 6 21	23 7 15	29 D 2 15										☐		*				
18	22 12 21	23 7 47	29 5 15															♂	*
19	22 18 21	23 8 19	29 12 16										♂		♂				☐
20	22 24 21	24 8 51	29 20 16	☉ ♂ ♀ *															
21	22 30 21	25 9 22	29 29 17												♂			♂	*
22	22 36 21	26 9 54	29 38 17	☐														♂	
23	22 42 21	27 10 25	29 48 16											*		Δ	*		
24	22 48 21	28 10 57	29 58 16										♂						
25	22 54 21	30 11 28	0 9 16											☐		☐	☐		♂
26	23 0 21	32 11 59	0 22 15												*			*	
27	23 6 21	34 12 30	0 38 14											Δ		*	Δ		
28	23 12 21	37 13 0	0 58 13	♂ ☐ ♂														☐	*
29	23 17 21	39 13 31	1 22 12										*						*
30	23 23 21	42 14 1	1 49 11	☉ ♂ ♀										Δ				Δ	
31	23 29 21	45 14 32	2 17 9										☐				♂		☐

RAPHAEL'S ASTRONOMICAL EPHEMERIS.									
FEBRUARY XXVIII DAYS.									
D M	Sun's Semidia.		Herschel.		Saturn.		Jupi		
			Lat.	Declin.	Lat.	Declin.			
	'	"	°	'	°	'	°	'	
1	16	15	0 N 21	17 S 3	1 N 16	22 S 2	0 S 49		
4	16	15	0 21	17 4	1 16	22 3	0 48		
7	16	14	0 21	17 5	1 16	22 3	0 47		
10	16	14	0 21	17 6	1 16	22 4	0 46		
13	16	13	0 21	17 6	1 17	22 4	0 45		
16	16	12	0 21	17 6	1 17	22 5	0 45		
19	16	11	0 21	17 7	1 17	22 5	0 44		
22	16	11	0 21	17 7	1 17	22 6	0 44		
25	16	10	0 21	17 7	1 17	22 6	0 43		
28	16	10	0 21	17 7	1 17	22 6	0 43		

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	20 43 13	11 ^m 48 51	17 S 16	24 8 16	4 S 19	14 N 40
2	S	20 47 10	12 49 42	16 59	6 ^h 53	4 50	16 48
3	S	20 51 6	13 50 31	16 41	19 15	5 6	17 57
4	M	20 55 3	14 51 19	16 24	1 ^m 27	5 8	18 19
5	Tu	20 58 59	15 52 5	16 6	13 29	4 56	17 52
6	W	21 2 56	16 52 50	15 47	25 26	4 32	16 37
7	Th	21 6 52	17 53 33	15 29	7 ^h 19	3 56	14 40
8	F	21 10 49	18 54 15	15 10	19 9	3 9	12 6
9	S	21 14 45	19 54 55	14 51	0 ^m 59	2 15	9 2
10	S	21 18 42	20 55 35	14 32	12 49	1 14	5 37
11	M	21 22 39	21 56 13	14 18	24 44	0 10	1 57
12	Tu	21 26 35	22 56 49	13 53	6 ^h 44	0 N 56	18 49
13	W	21 30 32	23 57 24	13 33	18 54	2 0	5 34
14	Th	21 34 28	24 57 59	13 13	1 ^m 16	2 59	9 8
15	F	21 38 25	25 58 32	12 52	13 56	3 51	12 21
16	S	21 42 22	26 59 3	12 32	26 57	4 33	15 3
17	S	21 46 18	27 59 34	12 11	10 ^h 32	5 2	17 3
18	M	21 50 14	29 0 3	11 50	24 15	5 14	18 7
19	Tu	21 54 11	0 ^m 0 31	11 29	8 ^h 34	5 7	18 4
20	W	21 58 7	1 0 57	11 7	23 17	4 41	16 50
21	Th	22 2 4	2 1 22	10 46	8 ^m 19	3 54	14 26
22	F	22 6 1	3 1 45	10 25	23 31	2 51	11 0
23	S	22 9 57	4 2 7	10 2	8 ^h 44	1 35	6 50
24	S	22 13 54	5 2 26	9 40	23 47	0 14	2 16
25	M	22 17 50	6 2 44	9 18	8 ^h 32	1 S 7	2 N 21
26	Tu	22 21 47	7 3 0	8 56	22 53	2 22	6 43
27	W	22 25 43	8 3 14	8 33	6 ^h 47	3 26	10 33
28	Th	22 29 40	9 3 26	8 11	20 14	4 16	13 42

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 26	15 S 0	5 N 51	17 S 35	3 N 38	14 S 36	28 m 51
4	1 25	15 26	5 40	17 45	3 36	15 28	28 41
7	1 25	15 52	5 26	17 54	3 17	16 21	28 32
10	1 24	16 16	5 12	18 2	2 47	17 7	28 22
13	1 23	16 40	4 55	18 10	2 11	17 44	28 13
16	1 22	17 2	4 40	18 14	1 34	18 8	28 3
19	1 21	17 23	4 21	18 18	0 57	18 21	27 54
22	1 20	17 43	4 5	18 17	0 23	18 20	27 44
25	1 18	18 3	3 45	18 15	0 S 8	18 8	27 35
28	1 16	18 22	3 28	18 9	0 37	17 42	27 25

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	23 34	21 8 48	15 m 2	2 v 47	8 m 42					♈			
2	23 40	21 51 15	32 3	18 7	13 31								Δ
3	23 45	21 55 16	2 3	50 6	22		Δ		♊				
4	23 50	21 59 16	32 4	23 5	19							♊	
5	23 55	22 3 17	2 4	57 4	21			Δ			Δ		
6	24 0	22 7 17	32 5	32 3	32					*			♊
7	24 5	22 11 18	1 6	8 2	51	☉ ☐ ♂	♊						♊
8	24 10	22 16 18	30 6	45 2	18	☉ ☐ ♀	♊	☐	Δ	☐	☐		
9	24 15	22 21 18	59 7	24 1	52	♊ ☐ ♀		*				Δ	
10	24 20	22 26 19	27 8	5 1	34								
11	24 25	22 31 19	56 8	47 1	24				☐	Δ	*		☐
12	24 30	22 36 20	25 9	30 1	D 22	☉ ☐ ♄	Δ		*				☐
13	24 35	22 41 20	53 10	14 1	27	☉ * ♄			*				☐
14	24 40	22 47 21	21 10	59 1	39	☉ * ♄		♈				*	
15	24 45	22 53 21	48 11	45 1	57								
16	24 49	22 59 22	16 12	32 2	20		☐			♊	♈		*
17	24 54	23 5 22	43 13	19 2	48								
18	24 58	23 11 23	11 14	8 3	22	♊ ♊ ♄	*		♈				
19	25 2	23 17 23	38 14	56 4	0							♈	
20	25 6	23 23 24	5 15	45 4	43			*		Δ	*		
21	25 10	23 30 24	31 16	35 5	29								♈
22	25 14	23 37 24	57 17	26 6	18			☐	*	☐	☐		
23	25 18	23 44 25	23 18	18 7	11	♊ * ♀	♈						
24	25 22	23 51 25	49 19	11 8	7			Δ	☐	*	Δ	*	
25	25 25	23 58 26	15 20	5 9	7								*
26	25 29	24 5 26	40 20	59 10	9				Δ			☐	
27	25 32	24 13 27	5 21	54 11	13		*						☐
28	25 36	24 21 27	30 22	49 12	19			♊		♊		Δ	

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jup.	
			Lat.	Declin.	Lat.	Declin.		Lat.
	'	"	°	'	°	'	°	'
1	16	10	0 N 21	17 S 6	1 N 18	22 S 6	0 S 42	
4	16	9	0 21	17 5	1 18	22 6	0 41	
7	16	8	0 21	17 5	1 18	22 6	0 40	
10	16	8	0 21	17 4	1 18	22 6	0 40	
13	16	7	0 21	17 3	1 19	22 6	0 39	
16	16	6	0 21	17 3	1 19	22 6	0 39	
19	16	5	0 21	17 2	1 19	22 6	0 38	
22	16	4	0 22	17 1	1 19	22 6	0 38	
25	16	3	0 22	17 0	1 19	22 6	0 37	
28	16	3	0 22	16 59	1 19	22 6	0 37	
31	16	2	0 22	16 57	1 19	22 6	0 37	

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin						
		H. M. S.		°		°		°		°		°						
1	F	22	33	36	10	3	36	7	8	48	3	15	4	8	51	16	8	3
2	S	22	37	33	11	3	44	7	25	15	55	5	11	17	33			
3	S	22	41	30	12	3	49	7	32	16	5	16	18	11				
4	M	22	45	26	13	3	53	6	40	10	24	5	7	17	57			
5	Tu	22	49	23	14	3	54	6	17	22	22	4	45	16	55			
6	W	22	53	19	15	3	53	5	53	4	13	4	10	15	10			
7	Th	22	57	16	16	3	49	5	30	16	2	3	25	12	47			
8	F	23	1	12	17	3	44	5	7	27	51	2	31	9	52			
9	S	23	5	9	18	3	37	4	43	9	43	1	30	6	32			
10	S	23	9	5	19	3	28	4	20	21	40	0	25	2	55			
11	M	23	13	2	20	3	17	3	57	3	43	0	N 42	0	8	51		
12	Tu	23	16	59	21	3	4	3	33	15	55	1	47	4	37			
13	W	23	20	55	22	2	49	3	9	28	17	2	49	8	14			
14	Th	23	24	52	23	2	32	2	46	10	52	3	44	11	33			
15	F	23	28	48	24	2	14	2	22	23	41	4	28	14	23			
16	S	23	32	45	25	1	54	1	59	6	47	5	0	16	32			
17	S	23	36	41	26	1	32	1	35	20	12	5	16	17	51			
18	M	23	40	38	27	1	9	1	11	3	58	5	15	18	9			
19	Tu	23	44	34	28	0	43	0	47	18	1	4	55	17	22			
20	W	23	48	31	29	0	16	0	24	2	25	4	17	16	28			
21	Th	23	52	28	29	59	47	0	N 0	17	4	3	21	12	32			
22	F	23	56	24	0	r	59	17	0	24	1	55	2	11	8	45		
23	S	0	0	21	1	58	45	0	47	16	51	0	52	4	24			
24	S	0	4	17	2	58	10	1	11	1	42	0	8	30	0	N 13		
25	M	0	8	14	3	57	34	1	35	16	23	1	50	4	46			
26	Tu	0	12	10	4	56	55	1	58	0	45	3	0	8	56			
27	W	0	16	7	5	56	14	2	22	14	45	3	58	12	29			
28	Th	0	20	3	6	55	31	2	45	28	19	4	41	15	15			
29	F	0	24	0	7	54	46	3	9	11	28	5	7	17	7			
30	S	0	27	57	8	53	59	3	32	24	13	5	17	18	3			
31	S	0	31	53	9	53	9	3	55	6	38	5	12	18	6			

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 16	18 S 29	3 N 21	18 S 5	0 S 45	17 S 31	27 22
4	1 14	18 47	3 6	17 52	1 9	16 50	27 12
7	1 12	19 8	2 44	17 36	1 30	15 56	27 3
10	1 10	19 18	2 26	17 22	1 47	14 51	26 53
13	1 8	19 33	2 7	16 52	2 0	13 33	26 44
16	1 5	19 47	1 50	16 20	2 10	12 5	26 34
19	1 3	20 1	1 32	15 47	2 16	10 25	26 25
22	1 0	20 14	1 17	15 9	2 18	8 34	26 15
25	0 56	20 25	0 59	14 31	2 16	6 31	26 6
29	0 53	20 36	0 46	13 41	2 9	4 19	25 56
31	0 50	20 46	0 29	12 49	1 58	1 57	25 47

D	h	4	♂	♀	♀	Mutual	Lunar Aspects.	☉	♂	h	4	♂	♀	♀
M	Long.	Long.	Long.	Long.	Long.	Aspts.								
1	25 39	24 29	27 m 54	23 w 45	13 m 28								♂	
2	25 43	24 37	28 18	24 41	14 37	♀ Δ 4	☐			♂				Δ
3	25 46	24 45	28 41	25 38	15 50					♂				
4	25 49	24 54	29 5	26 35	17 6		Δ							
5	25 53	25 2	29 28	27 33	18 23	♀ ☐ ♀		Δ		*			♂	
6	25 56	25 10	29 52	28 31	19 41							Δ		
7	25 59	25 19	0 ♀ 15	29 29	20 59			☐						♂
8	26 2	25 28	0 37	0 m 28	22 19				Δ	☐	☐			
9	26 6	25 37	0 59	1 27	23 41	♀ * ♂								
10	26 7	25 46	1 21	2 27	25 5	☉ Δ ♀	♂	*	☐	Δ				
11	26 10	25 55	1 43	3 27	26 31	♀ * h						*	Δ	
12	26 12	26 4	2 5	4 28	27 59	♀ ☐ 4								
13	26 14	26 14	2 26	5 29	29 27					*				Δ
14	26 16	26 23	2 47	6 30	0 * 56								☐	Δ
15	26 18	26 33	3 7	7 32	2 27		Δ	♂			♂			
16	26 20	26 43	3 26	8 34	3 59	♀ ☐ ♂						♂	*	☐
17	26 22	26 53	3 46	9 36	5 32	☉ ☐ h				♂			♂	*
18	26 24	27 3	4 5	10 39	7 7	☉ * 4	☐							*
19	26 26	27 13	4 23	11 42	8 43			*						
20	26 28	27 23	4 41	12 45	10 20			*			Δ	*		
21	26 30	27 34	4 59	13 48	11 59			☐					♂	
22	26 31	27 44	5 17	14 51	13 39				Δ	*	☐	☐		
23	26 33	27 55	5 34	15 54	15 20				Δ					♂
24	26 34	28 5	5 50	16 58	17 3		♂			☐	*	Δ		
25	26 35	28 16	6 6	18 2	18 47	♀ Δ ♀							*	
26	26 36	28 27	6 21	19 6	20 32	♀ ☐ ♀				Δ				
27	26 37	28 38	6 36	20 11	22 18					♂			☐	
28	26 38	28 49	6 50	21 16	24 6	☉ Δ ♂						♂		*
29	26 39	29 1	7 4	22 21	25 55	♀ ☐ h	*					♂		
30	26 40	29 12	7 16	23 26	27 46					♂			Δ	☐
31	26 41	29 23	7 31	24 32	29 38	♀ * 4	☐							

APRIL XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupi
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.
	'	"	°	'	°	'	°
1	16	1	0 N 22	16 8 56	1 N 19	22 8 6	0 8 36
4	16	0	0 22	16 54	1 19	22 6	0 36
7	15	59	0 22	16 53	1 20	22 6	0 35
10	15	58	0 22	16 51	1 20	22 5	0 35
13	15	58	0 22	16 49	1 20	22 5	0 34
16	15	57	0 22	16 48	1 20	22 5	0 34
19	15	56	0 22	16 46	1 20	22 5	0 33
22	15	56	0 22	16 44	1 21	22 4	0 33
25	15	55	0 22	16 42	1 21	22 4	0 32
28	15	54	0 22	16 40	1 21	22 4	0 32

D M	D W	Sidereal Time.	☉		☉		♄		♅	
			Long.		Declin.		Long.		Lat.	
		H. M. S.	°	'	°	'	°	'	°	'
1	M	0 35 50	10	52 17	4 N 18	18 54 47	4 8 53	17 N 18		
2	Tu	0 39 46	11	51 22	4 42	0 45	4 21 15	45		
3	W	0 43 42	12	50 25	5 51	2 35	3 39 13	32		
4	Th	0 47 38	13	49 26	5 28	24 24	2 47 10	46		
5	F	0 51 34	14	48 24	5 50	6 14	1 49 7	33		
6	S	0 55 30	15	47 20	6 13	18 10	0 45 4	0		
7	S	0 59 26	16	46 15	6 36	0 14	0 N 22	0 15		
8	M	1 3 22	17	45 7	6 58	12 29	1 28 38	35		
9	Tu	1 7 19	18	43 57	7 21	24 57	2 32 7	19		
10	W	1 11 15	19	42 45	7 43	7 38	3 29 10	47		
11	Th	1 15 12	20	41 31	8 5	20 33	4 16 13	47		
12	F	1 19 9	21	40 16	8 27	3 41	4 50 16	9		
13	S	1 23 52	22	38 55	8 49	17 3	5 10 17	41		
14	S	1 27 12	23	37 40	9 11	0 38	5 18 18	15		
15	M	1 30 58	24	36 15	9 33	14 26	4 55 17	45		
16	Tu	1 34 54	25	34 57	9 54	25 25	4 25 16	10		
17	W	1 38 51	26	33 33	10 15	12 35	3 36 13	35		
18	Th	1 42 48	27	32 8	10 36	26 55	2 35 10	10		
19	F	1 46 44	28	30 41	10 57	11 21	1 19 6	6		
20	S	1 50 41	29	29 12	11 18	25 50	0 1 1	39		
21	S	1 54 37	0	27 42	11 39	10 18	1 8 18	2 N 53		
22	M	1 58 34	1	26 10	11 59	24 39	2 30 7	13		
23	Tu	2 2 30	2	24 36	12 19	8 46	3 33 11	5		
24	W	2 6 27	3	23 0	12 39	22 40	4 21 14	15		
25	Th	2 10 23	4	21 22	12 59	6 11	4 53 16	33		
26	F	2 14 20	5	19 42	13 19	19 20	5 9 17	54		
27	S	2 18 17	6	18 1	13 38	25 8	5 8 18	18		
28	S	2 22 13	7	16 17	13 57	14 35	4 53 17	48		
29	M	2 26 10	8	14 31	14 16	26 46	4 25 16	29		
30	Tu	2 30 6	9	12 44	14 35	8 44	3 45 14	27		

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	0 N 48	20 S 50	0 N 22	12 S 38	1 S 53	1 S 8	25 m 43
4	0 44	21 0	0 9	11 41	1 36	1 N 26	25 33
7	0 39	21 9	0 S 6	10 46	1 14	4 8	25 24
10	0 34	21 18	0 17	9 43	0 48	6 54	25 14
13	0 29	21 25	0 32	8 42	0 18	9 42	25 5
16	0 23	21 33	0 42	7 31	0 N 14	12 26	24 55
19	0 17	21 40	0 54	6 26	0 46	15 8	24 46
22	0 10	21 46	1 3	6 10	1 18	17 25	24 36
25	0 3	21 52	1 13	4 2	1 46	19 29	24 27
28	0 S 4	21 58	1 20	2 45	2 9	21 11	24 17

D M	h	♄	♂	♀	♅	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	♃	h	♄	♂	♀	♅	
	° ' "	° ' "	° ' "	° ' "	° ' "									
1	26 f 41	29 3 36	7 f 44	25 m 38	1 r 31			Δ						
2	26 42	29 47	7 56	26 44	3 25	♀ * h				*			Δ	
3	26 42	29 58	8 8	27 50	5 21		Δ	□				Δ		
4	26 R 42	0 11 10	8 19	28 56	7 19	♅ Δ ♂			Δ	□		♂		
5	26 42	0 21	8 29	0 x 2	9 19	♀ □ ♄					□			
6	26 42	0 33	8 38	1 9	11 19			*						
7	26 42	0 45	8 47	2 16	13 20				□	Δ				
8	26 41	0 57	8 56	3 23	15 22		♂				*		♂	
9	26 41	1 9	9 5	4 30	17 25				*					
10	26 41	1 21	9 11	5 37	19 30	☉ ♂ ♅						Δ		
11	26 40	1 33	9 18	6 44	21 36			♄						
12	26 40	1 45	9 24	7 51	23 42						♂	♄	□	
13	26 39	1 58	9 29	8 59	25 48	♅ Δ h	Δ							
14	26 38	2 10	9 33	10 7	27 55			♄					Δ	
15	26 37	2 23	9 37	11 15	0 2			*				*		
16	26 36	2 35	9 40	12 23	2 8			□			Δ		□	
17	26 35	2 48	9 43	13 31	4 14	☉ Δ h		□				*		
18	26 34	3 0	9 45	14 39	6 19		*		*	□				
19	26 33	3 13	9 46	15 47	8 23			Δ			□	♄	*	
20	26 31	3 25	9 R 46	16 55	10 26				□					
21	26 30	3 38	9 46	18 3	12 27	♀ Δ h					*	Δ		
22	26 28	3 51	9 45	19 11	14 25					Δ				
23	26 27	4 4	9 43	20 20	16 21		♄							
24	26 25	4 17	9 40	21 29	18 14	♅ ♂ h		♂				*	♄	
25	26 23	4 30	9 36	22 38	20 4						♄	♅		
26	26 21	4 43	9 32	23 47	21 51								□	
27	26 19	4 56	9 27	24 56	23 35		*			♂				
28	26 17	5 9	9 21	26 5	25 15	♀ □ h		Δ						
29	26 15	5 22	9 14	27 14	26 52								Δ *	
30	26 13	5 35	9 7	28 23	28 24	♅ * ♅	□			*	Δ			

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jup
	Semidia.		Lat.	Declin.	Lat.	Declin.	
	'	"	'	'	'	'	'
1	15	54	0 N 22	16 S 37	1 N 21	22 S 4	0 S 31
4	15	54	0 22	16 35	1 21	22 4	0 31
7	15	53	0 22	16 32	1 21	22 3	0 31
10	15	52	0 21	16 30	1 21	22 3	0 31
13	15	51	0 21	16 28	1 21	22 2	0 30
16	15	51	0 21	16 27	1 21	22 2	0 30
19	15	50	0 21	16 25	1 21	22 2	0 29
22	15	50	0 21	16 23	1 21	22 1	0 29
25	15	49	0 21	16 21	1 21	22 1	0 29
28	15	49	0 21	16 19	1 21	22 0	0 29
31	15	48	0 21	16 17	1 21	22 0	0 28

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin
		H. M. S.	'	'	'	'	'
1	W	2 34 3	10 5 10	54	14 N 53	20 2 35	2 S 57
2	Th	2 37 59	11 9	2 15	11 2 25	2 1 8	44
3	F	2 41 56	12 7	8 15	29 15	16 1	0 5 17
4	S	2 45 52	13 5	13 15	47 26	16 0 N 5	1 34
5	S	2 49 49	14 3	15 16	4 8 27	1 10	2 S 17
6	M	2 53 46	15 1	16 16	21 20	53 2	13 6
7	Tu	2 57 42	15 59	15 16	38 3 36	3 11	9 44
8	W	3 1 39	16 57	12 16	55 16	37 4	0 12 59
9	Th	3 5 35	17 55	8 17	11 29	55 4	38 15 38
10	F	3 9 32	18 53	3 17	27 13	29 5	0 17 29
11	S	3 13 28	19 50	56 17	43 27	15 5	6 18 21
12	S	3 17 25	20 48	47 17	58 11	11 4	53 18 7
13	M	3 21 22	21 46	38 18	14 25	14 4	23 16 47
14	Tu	3 25 18	22 44	27 18	28 9 20	20 8	37 14 26
15	W	3 29 16	23 42	16 18	43 23	28 2	38 11 13
16	Th	3 33 11	24 40	3 18	57 7 37	1 29	7 21
17	F	3 37 8	25 37	49 19	11 21	45 0	14 3 3
18	S	3 41 4	26 35	34 19	25 5 51	51 1	8 1 N 24
19	S	3 45 1	27 33	18 19	38 19	53 2	12 5 45
20	M	3 48 57	28 31	1 19	51 3 45	45 3	14 9 45
21	Tu	3 52 54	29 28	43 20	3 17	84 4	4 13 11
22	W	3 56 50	0 26	23 20	16 1 17	7 4	39 15 50
23	Th	4 0 47	1 24	3 20	28 14	24 4	59 17 36
24	F	4 4 44	2 21	41 20	39 27	24 5	2 18 24
25	S	4 8 40	3 19	15 20	50 10	5 4	50 18 15
26	S	4 12 37	4 16	54 21	1 22	30 4	25 17 13
27	M	4 16 33	5 14	28 21	12 4 40	40 3	48 15 25
28	Tu	4 20 30	6 12	1 21	22 16	37 3	1 12 59
29	W	4 24 26	7 9	32 21	32 28	29 2	7 10 2
30	Th	4 28 23	8 7	2 21	41 10	18 1	5 6 40
31	F	4 32 19	9 4	31 21	50 22	10 0	5 3 2

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 13	22 S 1	18 29	18 32	2 N 25	22 N 30	24 8
4	0 22	22 5	1 35	0 15	2 33	23 27	23 59
7	0 30	22 9	1 41	1 N 3	2 33	24 4	23 49
10	0 39	22 12	1 45	2 23	2 24	24 21	23 40
13	0 49	22 13	1 49	3 39	2 6	24 20	23 30
16	0 59	22 13	1 53	4 57	1 39	24 3	23 21
19	1 8	22 12	1 54	6 15	1 3	23 31	23 11
22	1 17	22 10	1 55	7 34	0 19	22 46	23 2
25	1 27	22 8	1 56	8 49	08 31	21 51	22 52
28	1 37	22 5	1 56	10 5	1 23	20 49	22 43
31	1 46	22 1	1 55	11 18	2 14	19 45	22 33

D	h	♄	♅	♆	♇	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	26 11	5 49	9 0	29 33	29 53			☐	Δ				
2	26 8	6 2	8 52	0 42	1 20					☐	☐		☐
3	26 6	6 16	8 43	1 51	2 40		Δ	*					
4	26 3	6 29	8 33	3 0	3 54				☐				
5	26 1	6 43	8 22	4 10	5 5					Δ	*	♊	Δ
6	25 58	6 56	8 10	5 20	6 13	♅♄♅			*				
7	25 55	7 10	7 57	6 30	7 17	♅♄♅							
8	25 52	7 23	7 44	7 40	8 16	☉♅☿	♊	♈					
9	25 49	7 37	7 30	8 50	9 10	♅♅♅							
10	25 46	7 51	7 16	10 0	9 59	♅♅♅				♊	♈	Δ	♊
11	25 43	8 4	7 11	10 10	43	♅*♅			♈				
12	25 40	8 18	6 45	12 20	11 23			*					☐
13	25 37	8 34	6 29	13 30	11 59		Δ						
14	25 34	8 45	6 12	14 40	12 30					Δ	*	*	Δ
15	25 30	8 59	5 55	15 50	12 52		☐	☐	*				
16	25 27	9 13	5 37	17 0	13 11					☐	☐		☐
17	25 23	9 26	5 19	18 10	13 30		*	Δ	☐				
18	25 20	9 40	5 0	19 21	13 41					*	Δ		*
19	25 16	9 54	4 40	20 32	13 47				Δ			♈	
20	25 13	10 7	4 20	21 42	13 46								
21	25 9	10 21	4 0	22 52	13 45			♊					
22	25 5	10 35	3 40	24 2	13 37		♈				♊		
23	25 1	10 49	3 20	25 13	13 25	♅Δ♈				♈			♈
24	24 57	11 3	3 0	26 24	13 9				♊			*	
25	24 53	11 17	2 39	27 35	12 49	☉♅♅							
26	24 49	11 30	2 18	28 45	12 25			Δ					
27	24 45	11 41	1 57	29 56	11 59	♅♄♅	*				Δ	☐	
28	24 41	11 58	1 37	31 7	11 30			☐		*			*
29	24 37	12 12	1 16	2 18	10 59				Δ		☐	Δ	
30	24 33	12 26	0 56	3 29	10 27		☐			☐			☐
31	24 29	12 40	0 35	4 40	9 54	☉♄♅		*	☐				

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 21	16 S 16	1 N 21	22 S 0	0 S 28	21
4	15	48	0 21	16 14	1 21	21 59	0 28	21
7	15	47	0 21	16 12	1 21	21 59	0 27	22
10	15	47	0 21	16 10	1 21	21 58	0 27	22
13	15	46	0 21	16 8	1 20	21 58	0 27	22
16	15	46	0 21	16 7	1 20	21 57	0 27	22
19	15	46	0 21	16 6	1 20	21 57	0 26	22
22	15	46	0 21	16 5	1 20	21 57	0 26	22
25	15	46	0 21	16 4	1 19	21 57	0 26	22
28	15	45	0 21	16 3	1 19	21 56	0 26	22

D M	D W	Siderea' Time.	☉ Long.		☉ Declin		☾ Long.		☾ Lat.		☾ Declin		L	
		H. M. S.	°	'	°	'	°	'	°	'	°	'	°	
1	S	4 36 16	10	11	58	21	N 58	4	11	0	N 58	0	S 46	18
2	S	4 40 18	10	59	25	22	7	16	26	2	1	4	37	18
3	M	4 44 9	11	56	50	22	15	28	59	2	58	8	21	18
4	Tu	4 48 6	12	54	14	22	22	11	m 54	3	48	11	48	18
5	W	4 52 2	13	51	37	22	29	25	11	4	27	14	45	18
6	Th	4 55 59	14	48	59	22	36	8	f 49	4	52	16	58	18
7	F	4 59 55	15	46	20	22	42	22	47	5	1	18	15	18
8	S	5 3 52	16	43	41	22	48	7	w 0	4	51	18	26	18
9	S	5 7 48	17	41	1	22	53	21	22	4	23	17	26	18
10	M	5 11 45	18	38	20	22	59	5	m 47	3	38	15	19	18
11	Tu	5 15 42	19	35	39	23	3	20	10	2	39	12	15	18
12	W	5 19 38	20	32	58	23	7	4	x 28	1	30	8	29	18
13	Th	5 23 35	21	30	16	23	11	18	38	0	17	4	15	18
14	F	5 27 31	22	27	34	23	15	2	r 39	0	S 57	0	N 11	18
15	S	5 31 28	23	24	51	23	18	16	30	2	7	4	32	18
16	S	5 35 24	24	22	9	23	20	0	s 12	3	8	8	37	18
17	M	5 39 21	25	19	26	23	23	13	45	3	58	12	11	18
18	Tu	5 43 17	26	16	43	23	25	27	7	4	34	15	5	18
19	W	5 47 14	27	14	0	23	26	10	17	4	55	17	9	18
20	Th	5 51 11	28	11	16	23	27	23	14	5	0	18	17	18
21	F	5 55 7	29	8	32	23	28	5	58	4	51	18	29	18
22	S	5 59 4	0	5	48	23	28	18	28	4	27	17	47	18
23	S	6 3 0	1	3	3	23	27	0	Ω 44	3	51	16	15	18
24	M	6 6 57	2	0	18	23	27	12	48	3	5	14	2	18
25	Tu	6 10 53	2	57	32	23	26	24	43	2	11	11	14	18
26	W	6 14 50	3	54	46	23	24	6	m 31	1	12	8	0	18
27	Th	6 18 47	4	51	59	23	22	18	19	0	10	4	28	18
28	F	6 22 43	5	49	12	23	20	0	△ 11	0	N 53	0	44	18
29	S	6 26 40	6	46	24	23	17	12	11	1	54	3	S 4	18
30	S	6 30 36	7	43	36	23	14	24	27	2	52	6	49	18

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 49	22 S 0	18 55	11 N 41	28 30	19 N 24	22 ^{ny} 30
4	1 55	21 56	1 53	12 51	3 13	18 27	22 20
7	2 6	21 51	1 50	14 0	3 45	17 41	22 11
10	2 14	21 47	1 47	15 4	4 7	17 12	22 1
13	2 21	21 42	1 43	16 8	4 16	17 0	21 51
16	2 27	21 39	1 38	17 5	4 15	17 5	21 42
19	2 33	21 36	1 33	18 3	4 4	17 28	21 32
22	2 38	21 35	1 28	18 53	3 45	18 3	21 23
25	2 43	21 34	1 22	19 42	3 19	18 50	21 13
28	2 47	21 35	1 16	20 23	2 48	19 44	21 4

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♂	♀	♂
	° /	° /	° /	° /	° /							
1	24 7 25	12 11 54	0 7 15	5 8 51	9 11 20		Δ			*		Δ
2	24 R 21	13 8 29	m 55	7 2 8	R 47							
3	24 17 13	22 29 R 35	8 13 8	15				*				
4	24 12 13	36 29 15	9 24 7	43			♂				♂	
5	24 8 13	50 28 56	10 35 7	13	☉ ♂ ♄					♂		
6	24 4 14	4 28 37	11 46 6	46			♂		♂			♂
7	23 59 14	18 28 19	12 58 6	22				♂				
8	23 55 14	32 28 11	14 9 6	2								
9	23 51 14	46 27 44	15 20 5	45	♀ ♂ ♄		*			*	Δ	
10	23 46 15	0 27 27	16 31 5	31								Δ
11	23 42 15	14 27 11	17 42 5	21			Δ	□	*	Δ	□	□
12	23 38 15	28 26 55	18 54 5	16								□
13	23 33 15	42 26 40	20 6 5	D 16			□	Δ	□	□	*	
14	23 29 15	56 26 25	21 17 5	20						Δ		*
15	23 24 16	10 26 11	22 28 5	28	☉ ♂ h				*			
16	23 20 16	24 25 58	23 40 5	41			*		Δ			
17	23 15 16	38 25 46	24 52 5	59				♂				
18	23 11 16	52 25 35	26 4 6	21	♀ ♂ ♂		♀ ♂ ♂			♂	♂	
19	23 6 17	5 25 24	27 16 6	48			♂		♂	♂		♂
20	23 2 17	19 25 14	28 27 7	19					♂	♂		
21	22 58 17	33 25 5	29 39 7	55								
22	22 53 17	46 24 57	0 11 8	35				Δ				
23	22 49 18	0 24 50	2 3 9	20						Δ	*	
24	22 44 18	14 24 43	3 15 10	9			□					*
25	22 40 18	27 24 37	4 27 11	2					Δ	*	□	
26	22 35 18	41 24 32	5 39 12	0			*				□	
27	22 33 18	55 24 28	6 51 13	1				*	□	□		□
28	22 27 19	8 24 25	8 3 14	6			□			*		
29	22 23 19	22 24 22	9 15 15	15							Δ	Δ
30	22 19 19	36 24 20	10 27 16	29					*	Δ		

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupi
			Lat.	Declin.	Lat.	Decl'n.	
	'	"	°	'	°	'	°
1	15	45	0 N 21	16 S 2	1 N 19	21 S 55	0 S 25
4	15	45	0 21	16 1	1 19	21 54	0 25
7	15	45	0 21	16 0	1 18	21 54	0 25
10	15	46	0 21	15 59	1 18	21 54	0 25
13	15	46	0 20	15 59	1 17	21 54	0 25
16	15	46	0 20	15 59	1 17	21 54	0 25
19	15	46	0 20	15 58	1 17	21 54	0 24
22	15	46	0 20	15 58	1 17	21 53	0 24
25	15	47	0 20	15 58	1 16	21 53	0 24
28	15	47	0 20	15 58	1 16	21 53	0 24
31	15	47	0 20	15 59	1 15	21 54	0 23

D M	D W	Siderea'		☉		☉		♂		♂		♂	
		Time.		Long.		Declin.		Long.		Lat.		Declin.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'
1	M	6	34	33	8	54	48	23	N 11	7	m 2	3	N 42
2	Tu	6	38	29	9	37	59	23	7 20	0	4	23	13 32
3	W	6	42	26	10	35	10	23	2 3 7	24	4	51	16 6
4	Th	6	46	22	11	32	21	22	58 17	15	5	3	17 49
5	F	6	50	19	12	29	32	22	52 1	30	4	57	18 30
6	S	6	54	16	13	26	43	22	47 16	3	4	32	18 0
7	S	6	58	12	14	23	54	22	41 0	m 49	3	48	16 17
8	M	7	2	9	15	21	5	23	35 15	38	2	49	13 28
9	Tu	7	6	5	16	18	17	22	28 0	x 23	1	39	9 49
10	W	7	10	2	17	15	29	22	21 14	58	0	22	5 35
11	Th	7	13	58	18	12	41	22	13 29	19	0	8	54 1 6
12	F	7	17	55	19	9	54	22	5 18	r 24	2	6	3 N 21
13	S	7	21	51	20	7	8	21	57 27	12	3	9	7 83
14	S	7	25	48	21	4	22	21	49 10	8 44	4	0	11 15
15	M	7	29	45	22	1	37	21	40 24	1	4	37	14 19
16	Tu	7	33	41	22	58	53	21	30 7	Π 5	4	59	16 35
17	W	7	37	38	23	56	9	21	20 19	55	5	6	18 0
18	Th	7	41	34	24	53	26	21	10 2	53	4	57	18 29
19	F	7	45	31	25	50	43	21	0 14	59	4	34	18 4
20	S	7	49	27	26	48	2	20	49 27	14	3	59	16 49
21	S	7	53	24	27	45	21	20	38 9	Ω 20	3	13	14 50
22	M	7	57	20	28	42	40	20	26 21	16	2	20	12 13
23	Tu	8	1	17	29	40	0	20	14 3	m 6	1	20	9 8
24	W	8	5	14	0	Ω 37	20	20	2 14	53	0	17	5 42
25	Th	8	9	10	1	34	41	19	50 26	40	0	N 46	2 2
26	F	8	13	7	2	32	2	19	37 8	Δ 31	1	49	1 S 43
27	S	8	17	3	3	29	24	19	24 20	31	2	47	5 26
28	S	8	21	0	4	26	46	19	10 2	m 45	3	39	9 0
29	M	8	24	56	5	24	8	18	56 15	18	4	22	12 16
30	Tu	8	28	53	6	21	31	18	42 28	14	4	53	15 2
31	W	8	32	49	7	18	55	18	28 11	f 37	5	9	17 6

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupit.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 47	0 N 20	15 S 59	1 N 14	21 S 54	0 S 23	21 S 54
4	15 47	0 20	15 59	1 14	21 54	0 23	21 54
7	15 48	0 20	16 0	1 13	21 54	0 23	21 54
10	15 48	0 20	16 1	1 13	21 54	0 23	21 54
13	15 49	0 19	16 2	1 12	21 54	0 23	21 54
16	15 49	0 19	16 3	1 12	21 55	0 23	21 55
19	15 50	0 19	16 4	1 11	21 55	0 22	21 55
22	15 50	0 19	16 5	1 11	21 56	0 22	21 56
25	15 51	0 19	16 6	1 10	21 56	0 22	21 56
28	15 51	0 19	16 8	1 10	21 57	0 22	21 57
31	15 52	0 19	16 10	1 9	21 58	0 22	21 58

D M	D W	Sidereal Time.	☉		☉		♄		♄		♄	
			Long.	Declin.	Long.	Declin.	Long.	Declin.	Long.	Declin.	Long.	Declin.
		H. M. S.	' "	' "	' "	' "	' "	' "	' "	' "	' "	' "
1	Th	8 36 46	8 2 16 19	18 N 13	25 7 28	5 N 8	18 S 15	18 S 15	18 S 15	18 S 15	18 S 15	18 S 15
2	F	8 40 43	9 13 44	17 58	9 47	4 49	18 18	18 18	18 18	18 18	18 18	18 18
3	S	8 44 39	10 11 10	17 42	24 29	4 10	17 9	17 9	17 9	17 9	17 9	17 9
4	S	8 48 36	11 8 37	17 27	9 27	3 13	14 43	14 43	14 43	14 43	14 43	14 43
5	M	8 52 32	12 6 47	17 11	24 33	2 3	11 25	11 25	11 25	11 25	11 25	11 25
6	Tu	8 56 29	13 3 33	16 55	9 38	0 44	7 18	7 18	7 18	7 18	7 18	7 18
7	W	9 0 25	14 1 31	16 38	24 32	0 38	2 45	2 45	2 45	2 45	2 45	2 45
8	Th	9 4 22	14 58 34	16 21	9 10	1 55	1 N 52	1 N 52	1 N 52	1 N 52	1 N 52	1 N 52
9	F	9 8 18	15 56 7	16 4	23 27	3 4	6 16	6 16	6 16	6 16	6 16	6 16
10	S	9 12 15	16 53 40	15 47	7 22	4 0	10 12	10 12	10 12	10 12	10 12	10 12
11	S	9 16 12	17 51 16	15 30	20 54	4 40	13 29	13 29	13 29	13 29	13 29	13 29
12	M	9 20 8	18 48 53	15 12	4 11	5 5	15 59	15 59	15 59	15 59	15 59	15 59
13	Tu	9 24 5	19 46 31	14 54	16 59	5 14	17 37	17 37	17 37	17 37	17 37	17 37
14	W	9 28 1	20 44 11	14 36	29 35	5 7	18 21	18 21	18 21	18 21	18 21	18 21
15	Th	9 31 58	21 41 53	14 17	11 58	4 46	18 10	18 10	18 10	18 10	18 10	18 10
16	F	9 35 54	22 39 36	13 58	24 10	4 12	17 10	17 10	17 10	17 10	17 10	17 10
17	S	9 39 51	23 37 20	13 40	6 13	3 27	15 23	15 23	15 23	15 23	15 23	15 23
18	S	9 43 47	24 35 6	13 20	18 9	2 34	12 58	12 58	12 58	12 58	12 58	12 58
19	M	9 47 44	25 32 54	13 1	29 59	1 34	10 1	10 1	10 1	10 1	10 1	10 1
20	Tu	9 51 41	26 30 43	12 41	11 46	0 30	6 41	6 41	6 41	6 41	6 41	6 41
21	W	9 55 37	27 28 33	12 22	23 33	0 N 35	3 6	3 6	3 6	3 6	3 6	3 6
22	Th	9 59 34	28 26 24	12 2	5 21	1 39	0 S 37	0 S 37	0 S 37	0 S 37	0 S 37	0 S 37
23	F	10 3 30	29 24 17	11 41	17 15	2 39	4 20	4 20	4 20	4 20	4 20	4 20
24	S	10 7 27	0 22 11	11 21	29 17	3 32	7 55	7 55	7 55	7 55	7 55	7 55
25	S	10 11 23	1 20 6	11 1	11 32	4 18	11 13	11 13	11 13	11 13	11 13	11 13
26	M	10 15 20	2 18 3	10 40	24 3	4 52	14 5	14 5	14 5	14 5	14 5	14 5
27	Tu	10 19 16	3 16 0	10 19	6 56	5 12	16 21	16 21	16 21	16 21	16 21	16 21
28	W	10 23 13	4 13 59	9 58	20 12	5 17	17 50	17 50	17 50	17 50	17 50	17 50
29	Th	10 27 10	5 12 0	9 37	8 56	5 4	18 20	18 20	18 20	18 20	18 20	18 20
30	F	10 31 6	6 10 1	9 15	18 6	4 33	17 44	17 44	17 44	17 44	17 44	17 44
31	S	10 35 3	7 8 4	8 54	2 42	3 43	15 57	15 57	15 57	15 57	15 57	15 57

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	38 3	23 S 10	0 N 11	22 N 16	1 N 44	17 N 22	19 16
4	3 2	23 24	0 18	21 46	1 35	15 26	19 6
7	3 2	23 38	0 26	21 17	1 23	13 23	18 57
10	3 1	23 52	0 33	20 36	1 6	11 16	18 47
13	3 0	24 6	0 39	19 57	0 47	9 7	18 38
16	2 59	24 19	0 45	19 6	0 21	6 58	18 28
19	2 58	24 32	0 52	18 15	0 5	4 50	18 19
22	2 56	24 45	0 57	17 15	0 8 20	2 45	18 9
25	2 55	24 58	1 3	16 15	0 51	0 43	18 0
28	2 54	25 10	1 7	15 3	1 18	18 13	17 51
31	2 52	25 20	1 12	13 40	1 45	3 4	17 41

D	h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.							
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☾	♈	♉	♊	♋	♌	♍	
	°	'	°	'	°	'									
1	20	13	26	11	26	0	1	8	19	5	11	17	2	7	
2	20	13	26	38	0	30	20	24	19					4	
3	20	28	26	49	0	52	21	37	20						
4	20	26	27	1	1	14	22	50	22						
5	20	24	27	13	1	37	24	3	24						
6	20	22	27	24	2	0	25	17	26						
7	20	20	27	36	2	24	26	31	28						
8	20	18	27	47	2	48	27	44	0	1					
9	20	16	27	59	3	13	28	57	1	46					
10	20	15	28	10	3	38	0	10	3	29					
11	20	13	28	21	4	3	1	24	5	11					
12	20	12	28	32	4	29	2	38	6	51					
13	20	11	28	43	4	56	3	52	8	28					
14	20	10	28	54	5	23	5	5	10	4					
15	20	9	29	5	5	50	6	19	11	40					
16	20	8	29	16	6	18	7	33	13	15					
17	20	7	29	27	6	46	8	47	14	48					
18	20	6	29	38	7	14	10	1	16	19					
19	20	6	29	48	7	43	11	15	17	48					
20	20	5	29	58	8	12	12	28	19	16					
21	20	5	0	8	8	42	13	42	20	43					
22	20	4	0	18	9	12	14	56	22	8					
23	20	4	0	28	9	43	16	10	23	32					
24	20	4	0	38	10	14	17	24	24	54					
25	20	4	0	48	10	45	18	38	26	14					
26	20	4	0	58	11	17	19	52	27	32					
27	20	5	1	7	11	49	21	6	28	49					
28	20	5	1	17	12	21	22	20	0	4					
29	20	6	1	26	12	53	23	34	1	18					
30	20	6	1	36	13	25	24	48	2	30					
31	20	7	1	45	13	57	26	2	3	39					

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupi		
		Lat.	Declin.	Lat.	Declin.	Lat.		
	'	"	°	'	°	'	°	'
1	15	54	0 N 19	16 S 11	1 N 8	21 S 58	0 S 22	
4	15	54	0 19	16 13	1 8	21 58	0 23	
7	15	55	0 19	16 15	1 7	21 59	0 21	
10	15	56	0 19	16 17	1 7	22 0	0 21	
13	15	57	0 19	16 19	1 6	22 1	0 21	
16	15	57	0 18	16 21	1 6	22 2	0 21	
19	15	58	0 18	16 23	1 5	22 3	0 21	
22	15	59	0 18	16 25	1 5	22 4	0 21	
25	16	0	0 18	16 27	1 4	22 5	0 21	
28	16	0	0 18	16 30	1 4	22 6	0 21	

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 38 59	8 46 9	8 N 32	17 38	2 N 37	13 S 4
2	M	10 42 56	9 4 15	8 11	2 47	1 20	9 15
3	Tu	10 46 52	10 2 23	7 49	18 0	0 S 4	4 49
4	W	10 50 49	11 0 32	7 27	3 8	1 27	0 5
5	Th	10 54 45	11 58 44	7 41	0	2 42	4 N 33
6	F	10 58 42	12 56 57	6 42	2 32	3 46	8 49
7	S	11 2 38	13 55 12	6 20	16 38	4 34	12 27
8	S	11 6 35	14 53 29	5 57	0 18	5 41	15 16
9	M	11 10 32	15 51 49	5 35	13 33	5 17	17 12
10	Tu	11 14 28	16 50 10	5 12	26 24	5 14	18 11
11	W	11 18 25	17 48 34	4 49	8 55	4 56	18 14
12	Th	11 22 21	18 47 0	4 26	21 10	4 24	17 26
13	F	11 26 18	19 45 28	4 4	3 13	3 42	15 52
14	S	11 30 14	20 43 58	3 41	15 8	2 50	13 37
15	S	11 34 11	21 42 30	3 17	26 57	1 51	10 48
16	M	11 38 7	22 41 5	2 54	8 44	0 47	7 34
17	Tu	11 42 4	23 39 41	2 31	20 31	0 N 18	4 2
18	W	11 46 1	24 38 19	2 8	2 21	1 23	0 20
19	Th	11 49 57	25 37 0	1 45	14 16	2 24	3 S 25
20	F	11 53 54	26 35 42	1 21	26 17	3 20	7 3
21	S	11 57 50	27 34 26	0 58	8 28	4 7	10 26
22	S	12 1 47	28 33 11	0 35	20 50	4 44	13 24
23	M	12 5 43	29 31 59	0 11	3 26	5 8	15 49
24	Tu	12 9 40	0 30 48	0 S 12	16 19	5 17	17 30
25	W	12 13 36	1 29 39	0 36	29 31	5 10	18 18
26	Th	12 17 33	2 28 31	0 59	13 5	4 45	18 5
27	F	12 21 30	3 27 25	1 23	27 3	4 41	16 47
28	S	12 25 26	4 26 21	1 46	11 22	3 6	14 24
29	S	12 29 23	5 25 19	2 9	26 2	1 55	11 3
30	M	12 33 19	6 24 19	2 33	10 59	0 35	6 55

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	28 51	25 S 24	1 N 13	18 N 34	1 S 54	3 S 39	17 37
4	2 49	25 33	1 17	11 47	2 21	5 18	17 28
7	2 47	25 41	1 19	11 1	2 47	6 47	17 18
10	2 46	25 48	1 22	9 39	3 10	8 3	17 9
13	2 43	25 54	1 24	8 17	3 31	9 2	16 59
16	2 40	25 57	1 25	6 51	3 46	9 40	16 50
19	2 38	26 0	1 25	5 25	3 54	9 51	16 40
22	2 35	26 1	1 25	3 53	3 52	9 28	16 31
25	2 33	26 1	1 25	2 27	3 35	8 28	16 21
28	2 30	25 59	1 28	0 56	3 2	6 48	16 12

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'								
1	20 7	1 54	14 7	30 27	17 17	4 47			☿	*		*		
2	20 8	2 31	15 4	28 31	5 53			♈			Δ		♈	
3	20 9	2 11	15 36	29 45	6 56				Δ	☿		☿		
4	20 10	2 20	16 12	0 59	7 56						☿			♈
5	20 11	2 28	16 46	2 13	8 54	♀ * ♈				Δ		Δ		
6	20 12	2 37	17 20	3 28	9 49						*		Δ	
7	20 13	2 43	17 55	4 43	10 41			Δ	♈					
8	20 14	2 53	18 30	5 57	11 30								☿	☿
9	20 15	3 1	19 5	7 11	12 16	☉ * ♈		☿				♈		Δ
10	20 17	3 9	19 41	8 25	12 59					♈				
11	20 18	3 17	20 17	9 40	13 38	♈ ☉ ♈		Δ		♈		*		☿
12	20 20	3 25	20 53	10 55	14 13			*						☿
13	20 23	3 32	21 29	12 10	14 43									*
14	20 24	3 38	22 6	13 24	15 8	☉ ☿ ♈		☿	Δ					*
15	20 26	3 46	22 48	14 38	15 28							Δ		
16	20 28	3 53	23 20	15 53	15 43	♀ * ♈		♈	*		*		☿	
17	20 30	4 0	23 57	17 8	16 52			♈	*	☿		☿		
18	20 32	4 7	24 34	18 23	16 55	☉ ☿ ♈		☿			☿		☿	
19	20 35	4 14	25 11	19 38	16 52						*			☿
20	20 37	4 20	25 40	20 52	16 42	♀ ☿ ♈				*		*		
21	20 40	4 26	26 27	22 7	16 25									
22	20 43	4 32	27 5	23 22	16 0				♈		Δ		*	
23	20 45	4 38	27 43	24 37	14 27			*		♈				*
24	20 46	4 44	28 22	25 52	13 48					♈				*
25	20 51	4 50	29 1	27 7	13 3			☿			♈	☿	☿	
26	20 54	4 55	29 40	28 21	12 13				*					☿
27	20 57	5 0	0 19	29 36	11 15			Δ					Δ	
28	21 0	5 5	0 58	0 51	10 8	♀ ☿ ♈			☿					
29	21 3	5 10	1 37	2 6	9 0	☉ ☿ ♈				*		*		
30	21 6	5 15	2 16	3 21	7 53	☉ ☿ ♈		Δ		Δ				Δ

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	'	'	'	'	'	'
1	16	1	0 N 18	16 S 33	1 N 3	22 S 7	0 S 20	23 N 1
4	16	1	0 18	16 36	1 3	22 8	0 20	23 1
7	16	2	0 18	16 39	1 2	22 10	0 20	23 0
10	16	3	0 18	16 43	1 2	22 11	0 20	23 0
13	16	4	0 18	16 46	1 1	22 12	0 20	23 0
16	16	5	0 18	16 49	1 1	22 13	0 20	23 0
19	16	5	0 18	16 51	1 0	22 15	0 19	23 0
22	16	6	0 18	16 53	1 0	22 16	0 19	23 0
25	16	7	0 18	16 55	0 59	22 17	0 19	23 0
28	16	7	0 18	16 58	0 59	22 18	0 19	23 0
31	16	8	0 18	17 1	0 59	22 19	0 19	23 0

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	'	'	'	'	'	'
1	Tu	12 37 16	7 23 21	28 56	26 4	0 S 49	2 S 19	16 m 43
2	W	12 41 12	8 22 24	3 19	11 9	2 8	2 N 27	16 46
3	Th	12 45 9	9 21 29	3 43	26 6	3 18	7 0	16 50
4	F	12 49 5	10 20 37	4 6	10 45	4 14	11 2	16 53
5	S	12 53 2	11 19 47	4 29	25 1	4 52	14 19	16 56
6	S	12 56 59	12 18 59	4 52	8 51	5 12	16 40	17 0
7	M	13 0 55	13 18 13	5 15	22 12	5 14	18 1	17 3
8	Tu	13 4 52	14 17 30	5 38	5 7	4 59	18 23	17 6
9	W	13 8 48	15 16 49	6 1	17 40	4 31	17 49	17 9
10	Th	13 12 45	16 16 11	6 24	29 53	3 51	16 26	17 12
11	F	13 16 41	17 15 35	6 47	11 53	3 1	14 20	17 15
12	S	13 20 38	18 15 1	7 10	23 45	2 5	11 40	17 18
13	S	13 24 34	19 14 30	7 33	5 31	1 3	8 31	17 22
14	M	13 28 31	20 14 1	7 55	17 18	0 N 1	5 3	17 25
15	Tu	13 32 27	21 13 34	8 17	29 8	1 6	1 21	17 29
16	W	13 36 24	22 13 9	8 40	11 4	2 8	28 26	17 32
17	Th	13 40 21	23 12 47	9 23	9 3	3 4	6 9	17 36
18	F	13 44 17	24 12 26	9 24	5 23	3 53	9 40	17 40
19	S	13 48 14	25 12 8	9 46	17 49	4 32	12 45	17 43
20	S	13 52 10	26 11 51	10 7	0 26	4 55	15 24	17 47
21	M	13 56 7	27 11 36	10 29	13 16	5 9	17 18	17 50
22	Tu	14 0 3	28 11 23	10 50	26 19	5 5	18 19	17 53
23	W	14 4 0	29 11 13	11 12	9 36	4 45	18 23	17 56
24	Th	14 7 56	0 m 11 2	11 33	23 8	4 8	17 24	18 0
25	F	14 11 53	1 10 54	11 54	6 m 56	3 17	16 25	18 0
26	S	14 15 50	2 10 48	12 15	21 1	2 18	12 25	18 0
27	S	14 19 46	3 10 43	12 35	5 21	0 59	8 39	18 1
28	M	14 23 43	4 10 40	12 55	19 55	0 S 19	4 16	18 1
29	Tu	14 27 39	5 10 39	13 16	4 38	1 37	0 N 21	18 1
30	W	14 31 36	6 10 39	13 36	19 25	2 49	5 0	18 1
31	Th	14 35 32	7 10 42	13 55	4 9	3 49	9 20	18 2

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	28 28	25 54	1 N 22	0 S 34	2 S 13	4 S 48	16 ^m 2
4	2 25	25 47	1 19	2 5	1 13	2 33	15 52
7	2 22	25 39	1 17	3 36	0 13	0 46	15 43
10	2 20	25 28	1 13	5 6	0 N 40	0 N 18	15 33
13	2 17	25 16	1 10	6 36	1 20	0 32	15 24
16	2 14	25 1	1 5	8 6	1 47	0 0	15 14
19	2 11	24 45	1 1	9 30	2 1	1 S 8	15 5
22	2 8	24 27	0 55	10 54	2 4	2 41	14 55
25	2 5	24 6	0 50	12 17	2 0	4 30	14 46
28	2 2	23 42	0 44	13 34	1 50	6 28	14 36
31	1 59	23 18	0 37	14 51	1 36	8 30	14 27

D M	h	Long.	Long.	Long.	Long.	Long.	Mutual Aspts.	Lunar Aspects.							
								☉	☿	♈	♉	♊	♋	♌	♍
1	21	10	5 20	2 55	4 36	6 45	☿ ☐ ♈								
2	21	13	5 24	3 35	5 50	5 R 39	☿ ☐ ♈	☿						☿	☿
3	21	17	5 28	4 15	7 5	4 35	☿ ☐ ♈			Δ					
4	21	21	5 32	4 55	8 20	3 35		☿		*	Δ				
5	21	24	5 36	5 35	9 35	2 44	☿ ☿ ♈								
6	21	28	5 40	6 15	10 50	2 1		Δ						Δ	Δ
7	21	32	5 44	6 56	12 5	1 26				☿					
8	21	36	5 47	7 37	13 20	1 2				♈	☿				
9	21	40	5 50	8 18	14 35	0 49		☐	Δ			☿		☐	*
10	21	44	5 53	8 59	15 50	0 D 48									*
11	21	48	5 56	9 40	17 5	0 57			☐						
12	21	52	5 59	10 21	18 20	1 16	☉ ☿ ♀	*		Δ				*	
13	21	57	6 1	11 2	19 35	1 45					*	Δ			
14	22	1	6 3	11 43	20 50	2 23			*	☐					
15	22	6	6 5	12 25	22 5	3 10	♀ * ♈								♈
16	22	11	6 7	13 7	23 20	4 6	☉ * ♈					☐	☐		
17	22	15	6 9	13 49	24 35	5 9		☉		*				☉	
18	22	20	6 11	14 31	25 50	6 17	☿ ☐ ♈		☉			Δ		*	
19	22	25	6 12	15 13	27 6	7 30			☉				*		
20	22	30	6 13	15 55	28 21	8 45									
21	22	35	6 13	16 37	29 36	10 10									*
22	22	40	6 14	17 19	30 51	11 36	☿ * ♈	*		☉				*	
23	22	45	6 14	18 1	31 6	13 5				*		☿			☐
24	22	50	6 15	18 44	32 21	14 36			*			☉			
25	22	55	6 R 15	19 27	33 4	16 9		☐						☐	
26	23	0	6 15	20 10	34 5	17 44	♀ Δ ♈		☐	*					Δ
27	23	5	6 15	20 53	35 7	19 20		Δ				Δ		Δ	
28	23	11	6 14	21 36	36 5	22 20	☿ ☉ ☿			☐		*			
29	23	16	6 13	22 19	37 9	24 33	☿ * ♈		Δ		☐				
30	23	21	6 12	23 2	38 10	26 11	☉ Δ ♈			Δ		☐			☿
31	23	27	6 11	23 45	39 11	28 49		☿			*				

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	10	0 N 18	17 S 4	0 N 58	22 S 20	0 S 18	23 N 1
4	16	10	0 18	17 7	0 58	22 21	0 18	23 2
7	16	11	0 18	17 10	0 57	22 22	0 18	23 2
10	16	12	0 18	17 14	0 57	22 23	0 18	23 3
13	16	12	0 18	17 17	0 57	22 25	0 17	23 3
16	16	13	0 18	17 19	0 57	22 26	0 17	23 4
19	16	14	0 18	17 22	0 56	22 27	0 17	23 5
22	16	14	0 18	17 24	0 56	22 28	0 17	23 6
25	16	15	0 18	17 28	0 55	22 29	0 16	23 7
28	16	15	0 18	17 31	0 55	22 30	0 16	23 8

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♃ Long. ° ' "	♃ Lat. ° ' "	♃ Declin ° ' "	♃ Long. ° ' "
1	F	14 39 29	8 m 10 46	14 S 15	18 8 42	4 S 33	13 N 2	18 m 30
2	S	14 43 25	9 10 52	14 34	2 11 57	4 59	15 53	18 33
3	S	14 47 22	10 11 0	14 53	16 48	5 6	17 43	18 37
4	M	14 51 19	11 11 10	15 12	0 5 14	4 57	18 31	18 40
5	Tu	14 55 15	12 11 22	15 31	13 12	4 32	18 18	18 44
6	W	14 59 12	13 11 36	15 49	25 49	3 54	17 10	18 47
7	Th	15 3 8	14 11 52	16 7	8 2 5	3 7	15 16	18 51
8	F	15 7 5	15 12 10	16 27	20 6	2 12	12 43	18 55
9	S	15 11 1	16 12 31	16 42	1 m 57	1 12	9 41	18 59
10	S	15 14 58	17 12 53	16 59	18 44	0 9	6 16	19 3
11	M	15 18 54	18 13 18	17 16	25 32	0 N 54	2 36	19 7
12	Tu	15 22 51	19 13 44	17 33	7 25	1 55	18 11	19 10
13	W	15 26 48	20 14 13	17 49	19 28	2 51	4 59	19 14
14	Th	15 30 44	21 14 42	18 5	1 m 44	3 41	8 38	19 18
15	F	15 34 41	22 15 14	18 21	14 14	4 20	11 59	19 22
16	S	15 38 37	23 15 48	18 36	26 58	4 48	14 50	19 25
17	S	15 42 34	24 16 23	18 51	9 1 57	5 1	17 0	19 28
18	M	15 46 30	25 16 59	19 6	23 9	4 58	18 19	19 32
19	Tu	15 50 27	26 17 37	19 21	6 m 33	4 40	18 39	19 36
20	W	15 54 23	27 18 16	19 35	20 1	4 5	17 55	19 40
21	Th	15 58 20	28 18 56	19 48	3 m 41	3 16	16 8	19 44
22	F	16 2 17	29 19 38	20 2	17 40	2 15	13 25	19 48
23	S	16 6 13	0 20 21	20 14	1 m 35	1 5	9 53	19 51
24	S	16 10 10	1 21 4	20 37	15 44	0 S 10	5 46	19 55
25	M	16 14 6	2 21 49	20 39	29 58	1 24	1 18	19 59
26	Tu	16 18 3	3 22 34	20 51	14 16	2 33	3 N 17	20 2
27	W	16 21 59	4 23 21	21 2	28 37	3 31	7 40	20 6
28	Th	16 25 56	5 24 9	21 13	12 56	4 1	11 37	20 10
29	F	16 29 52	6 24 58	21 24	27 1	4 4	14 51	20 14
30	S	16 33 49	7 25 48	21 34	11 6	5 0	17 10	20 17

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 57	23 S 10	0 N 36	15 S 18	1 N 81	9 S 10	14 w 23
4	1 54	22 40	0 29	16 28	1 14	11 10	14 18
7	1 51	22 14	0 22	17 38	0 55	13 6	14 4
10	1 48	21 41	0 15	18 38	0 35	14 57	13 54
13	1 44	21 9	0 8	19 42	0 14	16 42	13 45
16	1 41	20 33	0 1	20 35	0 S 5	18 20	13 35
19	1 37	19 57	0 S 6	21 26	0 26	19 50	13 26
22	1 34	19 17	0 12	22 6	0 45	21 10	13 16
25	1 31	18 39	0 21	22 47	1 3	22 22	13 7
28	1 28	17 57	0 29	23 22	1 20	23 28	12 57

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	23 33	6 10	24 w 28	13 m 23	27 28	28		♈			♊	♋	
2	23 38	6 8	25 11	14 38	29 6								
3	23 44	6 6	25 54	15 53	0 m 44								
4	23 50	6 4	26 37	17 8	2 23				♈	♉			♊
5	23 56	6 2	27 20	18 23	4 2	♈ ☉ ♈	♊	♊					♋
6	24 2	6 0	28 4	19 38	5 40	♈ ♊ ♈						♈	
7	24 8	5 58	28 48	20 54	7 18								☐
8	24 14	5 55	29 31	22 9	8 56		☐	☐	♊				☐
9	24 20	5 52	0 m 15	23 24	10 34					*			
10	24 26	5 48	0 59	24 39	12 11		*	*					*
11	24 32	5 45	1 43	25 54	13 48				☐			*	
12	24 38	5 42	2 27	27 10	15 25	☉ ☉ ♈				☐	♊		
13	24 45	5 38	3 11	28 26	17 1				*				
14	24 51	5 34	3 55	29 41	18 37	♈ ☉ ♈				♊	☐		
15	24 57	5 30	4 39	0 56	20 13			☉					
16	25 4	5 25	5 23	2 11	21 49		☉						☉ ☉
17	25 10	5 21	6 7	3 26	23 24							*	
18	25 16	5 17	6 52	4 42	24 59				♈				
19	25 23	5 12	7 37	5 58	26 34	☉ ☉ ♈				♈			
20	25 29	5 7	8 21	7 13	28 9			*					
21	25 36	5 2	9 6	8 28	29 44		*				☉	*	*
22	25 42	4 56	9 50	9 43	1 18	♈ * ♈		☐					
23	25 49	4 51	10 35	10 58	2 53		☐		*	♊			☐
24	25 55	4 46	11 19	12 13	4 27		♊	♊					☐
25	26 2	4 40	12 4	13 29	6 1		♊		☐	☐			♊
26	26 8	4 34	12 48	14 44	7 35						*	♊	
27	26 15	4 28	13 33	15 59	9 9				♊	*			
28	26 22	4 21	14 17	17 14	10 42			♈				☐	
29	26 29	4 15	15 2	18 29	12 16							♊	
30	26 36	4 9	15 47	19 45	13 49		♈				♊		♈

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 18	17 34	0 N 55	22 S 30	0 S 16	23 N 8
4	16 15	0 18	17 37	0 55	22 31	0 16	23 9
7	16 16	0 18	17 40	0 54	22 32	0 15	23 10
10	16 16	0 18	17 43	0 54	22 33	0 15	23 11
13	16 16	0 18	17 46	0 54	22 33	0 14	23 12
16	16 16	0 18	17 48	0 54	22 34	0 14	23 13
19	16 17	0 18	17 50	0 53	22 34	0 13	23 14
22	16 17	0 18	17 52	0 53	22 35	0 13	23 15
25	16 17	0 18	17 55	0 53	22 35	0 12	23 15
28	16 17	0 18	17 57	0 53	22 36	0 12	23 16
31	16 17	0 18	18 0	0 52	22 36	0 12	23 16

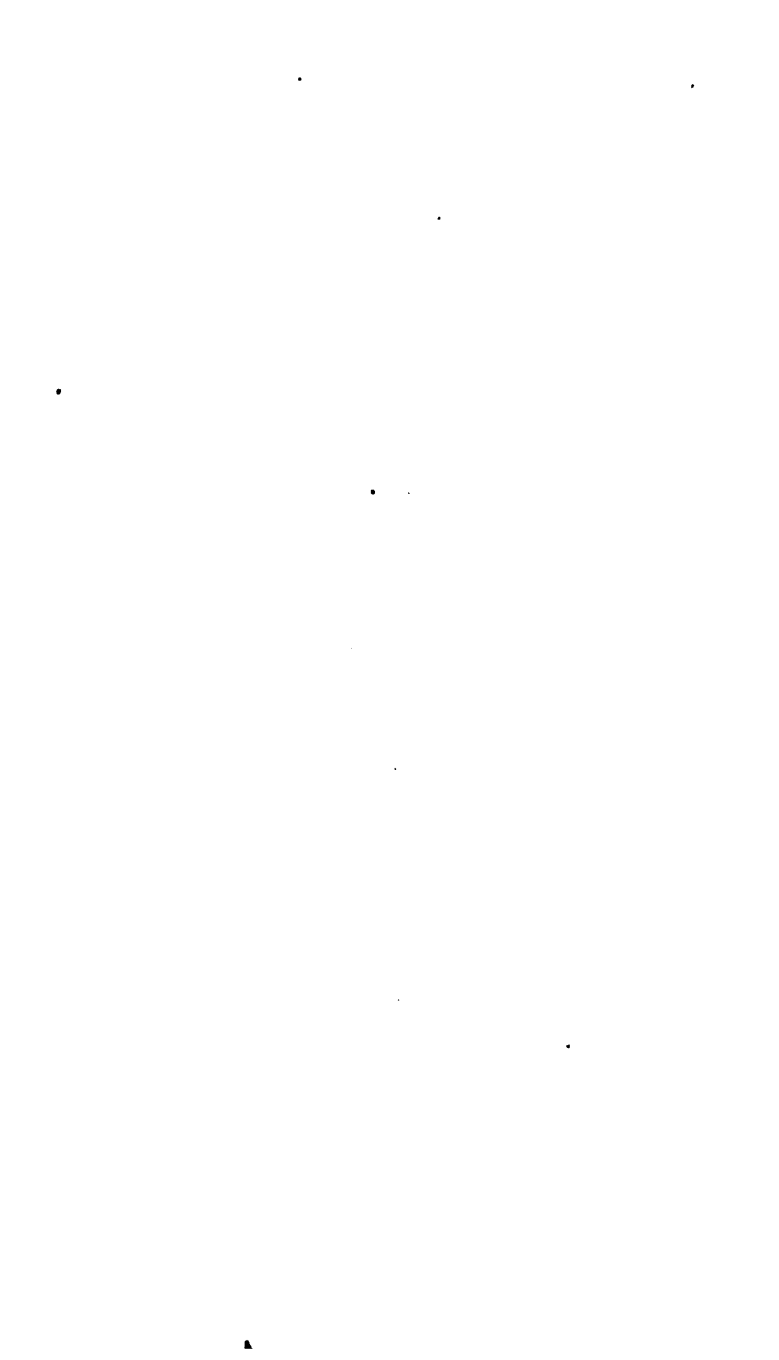
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	16 37 46	8 26 39	21 S 44	24 14 47	4 S 54	18 N 27	20 21
2	M	16 41 42	9 27 32	21 53	8 50 0	4 32	18 41	20 24
3	Tu	16 45 39	10 28 25	22 21	4 3	57	17 55	20 28
4	W	16 49 35	11 29 20	22 11	3 52	4 3	10 16	20 32
5	Th	16 53 32	12 30 16	22 19	15 57	2 16	13 55	20 35
6	F	16 57 28	13 31 14	22 27	27 59	1 16	11 0	20 38
7	S	17 1 25	14 32 12	22 34	9 52	0 14	7 40	20 42
8	S	17 5 21	15 33 12	22 41	21 39	0 N 49	4 3	20 46
9	M	17 9 18	16 34 14	22 47	3 28	1 49	0 17	20 50
10	Tu	17 13 15	17 35 16	22 53	15 24	2 45	3 S 32	20 53
11	W	17 17 11	18 36 19	22 58	27 31	3 35	7 15	20 56
12	Th	17 21 8	19 37 24	23 3	9 54	4 15	10 45	21 0
13	F	17 25 4	20 38 29	23 8	22 35	4 44	13 51	21 3
14	S	17 29 1	21 39 36	23 12	5 36	4 59	16 21	21 7
15	S	17 32 57	22 40 42	23 16	18 56	4 58	18 3	21 10
16	M	17 36 54	23 41 50	23 19	2 33	4 41	18 45	21 14
17	Tu	17 40 50	24 42 58	23 21	16 23	4 7	18 23	21 17
18	W	17 44 47	25 44 7	23 24	0 23	3 17	16 53	21 20
19	Th	17 48 44	26 45 16	23 25	14 28	2 15	14 21	21 23
20	F	17 52 40	27 46 25	23 27	28 35	1 5	10 58	21 26
21	S	17 56 37	28 47 35	23 27	12 43	0 S 10	6 57	21 29
22	S	18 0 33	29 48 44	23 28	26 49	1 24	2 33	21 32
23	M	18 4 30	0 49 54	23 28	10 53	2 32	1 N 58	21 35
24	Tu	18 8 27	1 51 3	23 27	24 55	3 32	6 22	21 38
25	W	18 12 24	2 52 13	23 26	8 52	4 18	10 23	21 42
26	Th	18 16 21	3 53 23	23 24	22 44	4 49	13 49	21 45
27	F	18 20 18	4 54 32	23 22	6 27	5 2	16 26	21 48
28	S	18 24 14	5 55 42	23 20	20 0	4 59	18 7	21 51
29	S	18 28 11	6 56 51	23 17	3 19	4 39	18 46	21 54
30	M	18 32 8	7 58 1	23 13	16 22	4 3	18 25	21 57
31	Tu	18 36 4	8 59 11	23 9	29 28	3 19	17 7	21 59

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 24	17 S 14	08 35	23 S 45	18 35	24 S 14	12 ^{mg} 48
4	1 21	16 29	0 42	24 3	1 49	24 54	12 38
7	1 18	15 44	0 49	24 16	2 0	25 21	12 29
10	1 15	14 56	0 55	24 22	2 8	25 36	12 19
13	1 11	14 8	1 1	24 20	2 14	25 38	12 10
16	1 8	13 18	1 6	24 9	2 15	25 26	12 0
19	1 4	12 29	1 12	23 58	2 12	25 0	11 51
22	1 1	11 37	1 17	23 37	2 3	24 21	11 41
25	0 58	10 46	1 21	23 9	1 48	23 30	11 32
28	0 55	9 55	1 24	22 32	1 25	22 29	11 22
31	0 52	9 5	1 26	21 39	0 53	21 22	11 13

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	26 43	4 ²⁵ 216 ³²	21 15	23				♂			♂	
2	26 49	3 ⁵⁵ 17	16 22	16 16	57				♂			
3	26 56	3 48 18	123 31 18	30	♊ * ♂		Δ					
4	27 3	3 41 18	46 24	46 20	3							
5	27 10	3 34 19	31 26	121 37			Δ □			♂		
6	27 17	3 27 20	16 27	16 23	10	♀ ♂ h			Δ *		Δ Δ	
7	27 24	3 20 21	128 32 24	43				*	□			□
8	27 31	3 12 21	46 29	47 26	17			*				
9	27 38	3 522 31	1 ^w 227 50	♊ ♂ h					□		□	
10	27 45	2 57 23	16 2 17 29	23	♀ ♂ ♄	*						
11	27 52	2 50 24	1 3 32	0 ^w 56					*	Δ Δ		*
12	27 59	2 42 24	46 4 48	2 29	♊ ♂ ♄				*			*
13	28 6	2 34 25	31 6 4 4	2			♂			□		
14	28 13	2 26 26	16 7 19 5	35			♂					
15	28 20	2 18 27	1 8 34 7	7								
16	28 27	2 10 27	46 9 49 8	38					♂ ♂ *		♂	
17	28 34	2 228 31 11	4 10 9	♊ * h	*						♂	
18	28 41	1 54 29	16 12 9 11	39								
19	28 49	1 46 0	113 35 13	9				□				
20	28 59	1 38 0	46 14 50 14	38	♊ Δ ♄	*		*	Δ ♂			
21	29 3	1 30 1	31 16 5 16	6	☉ ♂ h							*
22	29 10	1 22 2	16 17 20 17	32	♊ ♂ ♄		□ Δ	□ □		*		
23	29 17	1 14 3	1 18 35 18	52	☉ ♂ ♄				Δ *		□ □	
24	29 24	1 6 3	46 19 50 20	19	♊ * h					*		
25	29 31	0 57 4	31 21 6 21	39	♀ * h		Δ			*		
26	29 38	0 49 5	16 22 21 22	57				♂			Δ Δ	
27	29 45	0 41 6	123 36 24	11							□	
28	29 52	0 33 6	46 24 51 25	21								
29	29 59	0 25 7	31 26 6 26	27				♂	♂ ♂ Δ			
30	0 ^w 7	0 17 8	16 27 21 27	28	h ♂ ♄		Δ					
31	0 14	0 9 9	128 36 28	23	☉ * ♂						♂ ♂	









RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1812.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.) 739 t. 152

RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANET'S PLACES

For 1812.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR,
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	''	°	'	°	'	°	'
1	16	15		0 N 18	18 S 0	0 N 53	22 S 35	0 S 11	23 N 10
4	16	15		0 18	18 2	0 53	22 35	0 11	23 10
7	16	16		0 18	18 5	0 52	22 35	0 10	23 17
10	16	16		0 18	18 7	0 52	22 35	0 10	23 17
13	16	17		0 18	18 9	0 52	22 35	0 9	23 18
16	16	17		0 18	18 10	0 52	22 35	0 9	23 18
19	16	17		0 18	18 12	0 52	22 34	0 8	23 18
22	16	18		0 18	18 13	0 52	22 34	0 8	23 18
25	16	18		0 18	18 14	0 52	22 34	0 7	23 18
28	16	18		0 18	18 15	0 52	22 34	0 7	23 18
31	16	18		0 18	18 16	0 52	22 34	0 7	23 18

D M	D W	Sidereal Time.			☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H.	M.	S.	°	'	°	'	°	'
1	W	18	40	0	10 W 0 20	23 S 5	11 Ω 37	2 S 24	15 N 1	22 m 2
2	Th	18	43	56	11 1 30	23 0	23 51	1 23	12 16	22 6
3	F	18	47	53	12 2 41	22 55	5 m 52	0 20	9 4	22 8
4	S	18	51	50	13 3 51	22 49	17 44	0 N 44	5 32	22 11
5	S	18	55	46	14 5 12	22 43	29 32	1 45	1 48	22 13
6	M	18	59	43	15 6 12	22 36	11 Δ 21	2 43	2 S 0	22 16
7	Tu	19	3	39	16 7 22	22 29	23 16	3 33	5 45	22 18
8	W	19	7	36	17 8 33	22 22	5 m 23	4 15	9 19	22 21
9	Th	19	11	32	18 9 43	22 14	17 47	4 46	12 34	22 24
10	F	19	15	29	19 10 54	22 5	0 ♀ 32	5 41	15 19	22 26
11	S	19	19	25	20 12 42	21 56	13 40	5 7	17 23	22 28
12	S	19	23	22	21 13 14	21 47	27 11	4 53	18 33	22 30
13	M	19	27	19	22 14 24	21 37	11 W 6	4 21	18 39	22 33
14	Tu	19	31	15	23 15 34	21 27	25 19	3 33	17 36	22 35
15	W	19	35	12	24 16 42	21 17	9 m 45	2 30	15 24	22 37
16	Th	19	39	8	25 17 51	21 6	24 18	1 17	12 13	22 39
17	F	19	43	5	26 18 58	20 54	8 x 52	0 S 1	8 16	22 41
18	S	19	47	1	27 20 4	20 43	23 22	1 19	3 51	22 43
19	S	19	50	58	28 21 10	20 30	7 r 43	2 31	0 N 45	22 45
20	M	19	54	54	29 22 14	20 18	21 53	3 33	5 14	22 47
21	Tu	19	58	51	0 m 23	10 20	5 58	4 22	9 22	22 49
22	W	20	2	48	1 24	20 19	52 19	4 54	12 55	22 51
23	Th	20	6	44	2 25	21 19	38 3	5 10	15 44	22 53
24	F	20	10	41	3 26	21 19	24 16	5 9	17 39	22 55
25	S	20	14	37	4 27	20 19	10 29	4 51	18 37	22 57
26	S	20	18	34	5 28	18 18	55 12	4 18	18 35	22 59
27	M	20	22	30	6 29	15 18	40 25	3 34	17 37	23 0
28	Tu	20	26	27	7 30	10 18	25 7	2 39	15 48	23 2
29	W	20	30	22	8 31	4 18	9 19	1 38	13 17	23 3
30	Th	20	34	20	9 31	58 17	53 2	0 34	10 14	23 4
31	F	20	38	17	10 32	50 17	36 13	0 N 32	6 48	23 6

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.									
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.										
	° /	° /	° /	° /	° /	° /	° /									
1	08 50	88 42	18 30	218 40	08 40	208 58	11w10									
4	0 47	7 47	1 33	20 5	0 N 6	19 55	11 0									
7	0 44	6 52	1 35	19 58	1 0	19 2	10 51									
10	0 41	5 57	1 36	18 57	1 56	18 28	10 41									
13	0 38	5 2	1 37	17 56	2 46	18 16	10 31									
16	0 35	4 7	1 37	16 46	3 19	18 23	10 22									
19	0 32	3 12	1 37	15 36	3 30	18 43	10 12									
22	0 29	2 15	1 36	14 7	3 21	19 10	10 3									
25	0 26	1 19	1 34	13 1	2 58	19 40	9 53									
28	0 23	0 24	1 32	11 37	2 29	20 8	9 44									
31	0 20	0 N 33	1 29	10 8	1 56	20 33	9 34									
	h	♄	♅	♆	♇	Mutual Lunar Aspects.										
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏
	° /	° /	° /	° /	° /											
1	0w21	055 1	9x46	29w51	29w11											
2	0 28 29	11 53	10 31	1m 6	29 51			☐	Δ	*						
3	0 35 29	14 45	11 16	2 21	0m 22											
4	0 42 29	38 12	1 3	36 0	44		Δ	*			♄					
5	0 49 29	30 12	46 4	51 0	56				☐	☐			Δ	Δ		
6	0 56 29	22 13	31 6	6 0	57			☐								
7	1 3 29	15 14	16 7	21 0	47						Δ					
8	1 10 29	7 15	1 8	36 0	25				*					☐	☐	
9	1 17 29	0 15	46 9	51 29	w50		*	♄				Δ				*
10	1 24 28	53 16	31 11	6 29	4											*
11	1 31 28	46 17	16 12	21 28	7									☐	*	
12	1 38 28	39 18	1 13	36 27	2						♄	♄				
13	1 44 28	32 18	45 14	51 25	32	☉ * ☿	☿									
14	1 51 28	25 19	30 16	6 24	37	☉ * ☿	♄	*				*			♄	
15	1 58 28	19 20	15 17	21 23	17	☿ * ☿										
16	2 4 28	12 21	0 18	35 21	59	☿ * ♄		☐			Δ			♄		
17	2 11 28	6 21	45 19	50 20	44					*						
18	2 18 27	59 22	30 21	5 19	34	♄ Δ ☿	*		Δ			☐	♄		*	
19	2 24 27	53 23	14 22	19 18	28	☿ ☐ ☿				☐		*		*		☐
20	2 31 27	47 23	59 23	34 17	29							*		*		
21	2 37 27	42 24	44 24	49 16	40			☐			Δ					
22	2 44 27	36 25	28 26	3 16	3				♄				*			Δ
23	2 50 27	31 26	13 27	18 15	34	☿ Δ ☿	Δ							☐		
24	2 57 27	25 26	58 28	33 15	12											
25	3 3 27	20 27	42 29	47 14	58	♄ ☐ ☿				♄	♄		☐	Δ		
26	3 9 27	15 28	26 1	21 14	D52											♄
27	3 16 27	10 29	11 2	16 14	55					Δ				Δ		
28	3 22 27	6 29	55 3	31 15	8	☿ * ☿	♄									
29	3 29 27	1 0	40 4	45 15	28			☐								
30	3 35 26	57 1	24 6	0 15	52						Δ	*		♄		
31	3 41 26	52 2	9 7	14 16	19											Δ

FEBRUARY XXIX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	"	°	'	°	'	°	'
1	16 15	0 N 18	18 S 17	0 N 52	22 S 33	0 S 6	23 N
4	16 15	0 18	18 18	0 52	22 33	0 6	23
7	16 14	0 18	18 19	0 51	22 32	0 6	23
10	16 14	0 18	18 20	0 51	22 32	0 5	23
13	16 13	0 18	18 20	0 51	22 31	0 5	23
16	16 12	0 18	18 20	0 51	22 30	0 4	23
19	16 11	0 18	18 20	0 51	22 29	0 4	23
22	16 11	0 18	18 21	0 51	22 29	0 4	23
25	16 10	0 18	18 21	0 51	22 28	0 3	23
28	16 10	0 18	18 21	0 51	22 28	0 3	23

D M	D W	Sidereal Time.	☉ Long.		☉ Declin.	☽ Long.		☽ Lat.	☽ Declin.	☽ Long.
		H. M. S.	°	'	°	°	'	°	'	°
1	S	20 42 14	11	m 33 42	17 S 20	25	m 50	1 N 36	3 N 8	23
2	S	20 46 11	12	34 33	17 3	7	37	2 35	0 S 39	23
3	M	20 50 8	13	35 22	16 46	19 26	3 23	4 24	23	23
4	Tu	20 54 5	14	36 11	16 28	1 m 21	4 13	8 0	23	23
5	W	20 58 2	15	36 59	16 10	13 26	4 47	11 19	23	23
6	Th	21 1 59	16	37 46	15 52	25 47	5 9	14 13	23	23
7	F	21 5 55	17	38 32	15 34	8 28	5 16	16 32	23	23
8	S	21 9 52	18	39 16	15 15	21 33	5 8	18 4	23	23
9	S	21 13 48	19	40 0	14 56	5 v 4	4 42	18 40	23	23
10	M	21 17 45	20	40 42	14 37	19 1	3 59	18 10	23	23
11	Tu	21 21 41	21	41 23	14 18	3 m 23	3 0	16 29	23	23
12	W	21 25 38	22	42 3	13 58	18 5	1 48	13 42	23	23
13	Th	21 29 34	23	42 41	13 38	2 x 59	0 28	9 59	23	23
14	F	21 33 31	24	43 18	13 18	17 59	0 S 55	5 36	23	23
15	S	21 37 28	25	43 53	12 57	2 r 54	2 14	0 53	23	23
16	S	21 41 24	26	44 26	12 37	17 39	3 23	3 N 48	23	23
17	M	21 45 21	27	44 58	12 16	28 7	4 17	8 11	23	23
18	Tu	21 49 17	28	45 27	11 55	16 16	4 55	12 0	23	23
19	W	21 53 14	29	45 55	11 34	0 II 3	5 15	15 3	23	23
20	Th	21 57 10	0 x	46 21	11 13	13 30	5 16	17 12	23	23
21	F	22 1 7	1	46 44	10 51	26 37	5 1	18 24	23	23
22	S	22 5 3	2	47 6	10 29	9 28	4 31	18 36	23	23
23	S	22 9 0	3	47 26	10 8	22 3	3 49	17 53	23	23
24	M	22 12 56	4	47 43	9 46	4 25	2 56	16 19	23	23
25	Tu	22 16 53	5	47 59	9 24	16 37	1 56	14 1	23	23
26	W	22 20 50	6	48 13	9 1	28 40	0 52	11 8	23	23
27	Th	22 24 46	7	48 25	8 39	10 m 36	0 N 14	7 49	23	23
28	F	22 28 43	8	48 35	8 16	22 27	1 19	4 13	23	23
29	S	22 32 39	9	48 44	7 54	4 16	2 21	0 27	23	23

FEBRUARY XXIX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 20	0 N 50	18 27	9 S 45	1 N 45	20 S 40	9 31
4	0 17	1 45	1 22	8 16	1 11	20 55	9 21
7	0 14	2 41	1 18	6 46	0 40	21 2	9 12
10	0 11	3 35	1 13	5 13	0 10	20 59	9 2
13	0 9	4 29	1 7	3 42	0 S 17	20 46	8 53
16	0 6	5 22	1 0	2 6	0 42	20 21	8 43
19	0 4	6 16	0 54	0 34	1 5	19 46	8 34
22	0 2	7 8	0 46	1 N 4	1 24	18 59	8 24
25	0 N 1	8 0	0 38	2 35	1 40	18 0	8 15
28	0 3	8 52	0 31	4 11	1 53	16 49	8 5

D M	h		♄		♂		♀		♂		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	3 47	26 48	2 53	8 28	16 54	8 28	16 54	8 28	16 54	8 28	♂ □ ♀	Δ	*		□		♂	
2	3 53	26 44	3 38	9 43	17 29	3 38	9 43	17 29	3 38	9 43	♂ □ ♀	Δ		□		♂		
3	3 59	26 41	4 22	10 57	18 13	4 22	10 57	18 13	4 22	10 57		□		*	Δ			□
4	4 5	26 38	5 6	12 11	19 6	5 6	12 11	19 6	5 6	12 11		□		*	Δ			Δ
5	4 11	26 35	5 50	13 25	20 0	5 50	13 25	20 0	5 50	13 25		□						Δ
6	4 17	26 32	6 34	14 39	20 55	6 34	14 39	20 55	6 34	14 39			♂					*
7	4 22	26 29	7 18	15 53	21 51	7 18	15 53	21 51	7 18	15 53			*			♂	Δ	
8	4 28	26 26	8 2	17 7	22 50	8 2	17 7	22 50	8 2	17 7			*		♂		□	
9	4 34	26 24	8 46	18 21	23 53	8 46	18 21	23 53	8 46	18 21	♀ * ♀			♂		□	*	♂
10	4 39	26 22	9 30	19 35	25 1	9 30	19 35	25 1	9 30	19 35			*				*	♂
11	4 45	26 20	10 14	20 49	26 10	10 14	20 49	26 10	10 14	20 49							*	
12	4 51	26 18	10 58	22 3	27 20	10 58	22 3	27 20	10 58	22 3		♂	□		*	Δ		
13	4 56	26 16	11 42	23 16	28 31	11 42	23 16	28 31	11 42	23 16	☉ □ ♀			*	Δ			
14	5 1	26 15	12 26	24 30	29 44	12 26	24 30	29 44	12 26	24 30	♀ Δ ♀		Δ				♂	
15	5 7	26 14	13 10	25 44	0 59	13 10	25 44	0 59	13 10	25 44	♀ □ ♀				□	□		*
16	5 12	26 13	13 54	26 57	2 17	13 54	26 57	2 17	13 54	26 57	☉ Δ ♀						♂	
17	5 18	26 12	14 38	28 11	3 36	14 38	28 11	3 36	14 38	28 11		*		Δ	*			□
18	5 23	26 11	15 22	29 25	4 56	15 22	29 25	4 56	15 22	29 25			♂					
19	5 28	26 11	16 5	0 38	6 17	16 5	0 38	6 17	16 5	0 38		□					*	Δ
20	5 33	26 11	16 49	1 52	7 39	16 49	1 52	7 39	16 49	1 52							*	
21	5 38	26 11	17 33	3 5	9 3	17 33	3 5	9 3	17 33	3 5		Δ			♂			
22	5 43	26 11	18 16	4 18	10 28	18 16	4 18	10 28	18 16	4 18				♂			□	
23	5 48	26 11	19 0	5 32	11 54	19 0	5 32	11 54	19 0	5 32	♀ □ ♀		Δ				□	
24	5 53	26 12	19 44	6 45	13 21	19 44	6 45	13 21	19 44	6 45							Δ	
25	5 57	26 13	20 28	7 58	14 50	20 28	7 58	14 50	20 28	7 58	☉ * ♀					Δ		♂
26	6 2	26 14	21 11	9 11	16 20	21 11	9 11	16 20	21 11	9 11			♂	□		*		
27	6 6	26 15	21 54	10 24	17 51	21 54	10 24	17 51	21 54	10 24		♂		Δ				
28	6 11	26 16	22 38	11 37	19 22	22 38	11 37	19 22	22 38	11 37			*		□			
29	6 15	26 18	23 21	12 50	20 55	23 21	12 50	20 55	23 21	12 50				□				

MARCH XXXI DAYS.

D	Sun's		Herschel.		Saturn.		Jup	
M	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	
	'	"	°	'	°	'	°	'
1	16	10	0 N18	18 S 21	0 N51	22 S 27	0 S 2	
4	16	9	0 18	18 21	0 51	22 27	0 2	
7	16	8	0 18	18 21	0 51	22 26	0 2	
10	16	8	0 18	18 20	0 51	22 26	0 2	
13	16	7	0 18	18 20	0 51	22 25	0 1	
16	16	6	0 18	18 19	0 51	22 25	0 1	
19	16	5	0 18	18 19	0 52	22 24	0 0	
22	16	4	0 18	18 18	0 52	22 24	0 0	
25	16	3	0 18	18 17	0 52	22 23	0 N 1	
28	16	3	0 18	18 16	0 52	22 23	0 1	
31	16	2	0 18	18 15	0 52	22 23	0 1	

D	D	Sidereal	☉		☉	♄	♄	♄
M	W	Time.	Long.		Declin	Long.	Lat.	Declin
		H. M. S.	°	'	°	'	°	'
1	♄	22 36 36	10	48 51	7 S 31	16 4	3 N16	3 S 18
2	M	22 40 32	11	48 56	7 8 27	55	4 3 6	57
3	Tu	22 44 29	12	48 59	6 45 9	52	4 40 10	21
4	W	22 48 25	13	49 1	6 22 21	58	5 5 13	21
5	Th	22 52 22	14	49 1	5 59 4	17	5 17 15	49
6	F	22 56 18	15	49 0	5 36 16	53	5 14 17	36
7	S	23 0 15	16	48 57	5 13 29	51	4 55 18	32
8	♄	23 4 11	17	48 53	4 49 13	13	4 20 18	30
9	M	23 8 8	18	48 47	4 26 27	2	3 29 17	21
10	Tu	23 12 5	19	48 39	4 2 11	18	2 23 15	6
11	W	23 16 1	20	48 29	3 39 25	58	1 7 11	50
12	Th	23 19 58	21	48 17	3 15 10	57	0 S 16	7 43
13	F	23 23 54	22	48 3	2 52 26	8	1 39 3	3
14	S	23 27 51	23	47 48	2 28 11	21	2 54 1	N 49
15	♄	23 31 47	24	47 30	2 4 26	26	3 57 6	31
16	M	23 35 44	25	47 10	1 41 11	14	4 43 10	44
17	Tu	23 39 40	26	46 48	1 17 25	39	5 9 14	11
18	W	23 43 37	27	46 24	0 53 9	38	5 16 16	42
19	Th	23 47 34	28	45 57	0 29 23	10	5 5 18	12
20	F	23 51 30	29	45 28	0 6 6	16	4 38 18	41
21	S	23 55 27	0	44 56	0 N18	19	3 58 18	10
22	♄	23 59 23	1	44 22	0 42 1	26	3 8 16	48
23	M	0 3 20	2	43 46	1 5 13	37	2 10 14	40
24	Tu	0 7 16	3	43 8	1 29 25	38	1 8 11	56
25	W	0 11 13	4	42 27	1 52 7	31	0 3 8	43
26	Th	0 15 10	5	41 44	2 16 19	21	1 N 2	5 10
27	F	0 19 6	6	40 59	2 39 1	9	2 4 1	26
28	S	0 23 3	7	40 11	3 3 12	58	3 0 2	S 21
29	♄	0 26 59	8	39 23	3 26 24	50	3 49 6	4
30	M	0 30 56	9	38 31	3 49 6	46	4 28 9	34
31	Tu	0 34 52	10	37 38	4 13 18	49	4 55 12	42

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 4	9 N 25	0 S 24	5 N 11	2 S 0	15 S 55	7 m 59
4	0 6	10 14	0 15	6 46	2 8	14 25	7 49
7	0 9	11 3	0 5	8 14	2 11	12 43	7 40
10	0 11	11 50	0 N 5	9 44	2 11	10 50	7 30
13	0 13	12 37	0 15	11 11	2 7	8 45	7 21
16	0 15	13 22	0 25	12 34	1 59	6 28	7 11
19	0 17	14 7	0 36	13 59	1 45	4 2	7 2
22	0 19	14 49	0 47	15 17	1 27	1 25	6 52
25	0 21	15 32	0 57	16 35	1 5	1 N 19	6 43
28	0 23	16 12	1 7	17 46	0 38	4 9	6 33
31	0 25	16 54	1 18	18 56	0 7	7 0	6 24

D M	♂		♀		♂		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
1	6 w 19	26 20	24 4	14 7	2 22	m 29								
2	6 23	26 22	24 48	15 15	24 2									
3	6 27	26 25	25 31	16 27	25 38		♂ Δ ♀	Δ	*					
4	6 31	26 27	26 14	17 40	27 17		♂ * ♀	♂						
5	6 35	26 30	26 57	18 52	28 56									□
6	6 39	26 32	27 40	20 5	0 * 36			□						
7	6 43	26 35	28 23	21 17	2 16					♂	♀	Δ		*
8	6 47	26 38	29 6	22 30	3 57			*						
9	6 50	26 42	29 49	23 42	5 40			*				□	□	
10	6 54	26 45	0 8 32	24 54	7 25		♂ * ♀					□	□	
11	6 57	26 49	1 15	26 6	9 11				□			Δ	*	*
12	7 1	26 52	1 58	27 18	10 57		♀ * ♀	♂	Δ	*		□		♂
13	7 4	26 56	2 41	28 30	12 44			♂	Δ			□		
14	7 7	27 0	3 24	29 42	14 33		☉ Δ ♀					□		
15	7 10	27 5	4 7	0 8 53	16 23							*		♂
16	7 13	27 9	4 49	2 5	18 14							Δ		
17	7 16	27 14	5 32	3 16	20 6			*	♂					*
18	7 19	27 19	6 15	4 28	22 0		☉ □ ♀							
19	7 22	27 24	6 57	5 39	23 55		♂ Δ ♀	□				♂		□
20	7 25	27 29	7 40	6 51	25 51		♂ Δ ♀			♂		*	*	
21	7 27	27 35	8 22	8 2	27 48		♀ Δ ♀	Δ						
22	7 30	27 40	9 4	9 13	29 47		♀ □ ♀	Δ						Δ
23	7 32	27 46	9 47	10 24	1 47		♀ □ ♀						□	
24	7 35	27 52	10 29	11 35	3 47		☉ □ ♀					*		
25	7 37	27 58	11 11	12 46	5 48							Δ	Δ	
26	7 39	28 4	11 54	13 56	7 50		♂ □ ♀	*						
27	7 41	28 11	12 36	15 7	9 53							□		
28	7 43	28 17	13 18	16 17	11 56		☉ □ ♀	♂				□		♂
29	7 45	28 24	14 0	17 28	13 59							Δ		
30	7 47	28 30	14 42	18 38	16 2				*					
31	7 49	28 37	15 24	19 48	18 6			♂				♂	♂	

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 18	18 S 14	0 N 52	22 S 21	0 N 1	23 N 29
4	16	0	0 18	18 12	0 52	22 21	0 1	23 29
7	15	59	0 18	18 10	0 52	22 21	0 2	23 30
10	15	58	0 18	18 9	0 52	22 21	0 2	23 30
13	15	58	0 18	18 7	0 52	22 21	0 3	23 30
16	15	57	0 18	18 6	0 52	22 21	0 3	23 30
19	15	56	0 18	18 5	0 52	22 21	0 3	23 30
22	15	56	0 18	18 4	0 52	22 21	0 3	23 30
25	15	55	0 18	18 2	0 52	22 21	0 4	23 30
28	15	54	0 18	18 0	0 52	22 21	0 4	23 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	0 38 49	11 36 44	4 N 36	1 1 1	5 N 10	15 S 19	22 56
2	Th	0 42 45	12 35 47	4 59 13	25 5	10 17	18 22	22 56
3	F	0 46 42	13 34 49	5 22 26	2 4 56	18 29	22 53	22 56
4	S	0 50 39	14 33 49	5 45 8	57 4	26 18	44 22	56
5	S	0 54 35	15 32 47	6 8 22	12 3	42 17	59 22	4
6	M	0 58 32	16 31 48	6 30 5	49 2	44 16	11 22	4
7	Tu	1 2 28	17 30 38	6 53 19	52 1	34 13	23 22	4
8	W	1 6 25	18 29 31	7 15 4	18 0	17 9	41 22	4
9	Th	1 10 21	19 28 23	7 38 19	6 18	3 5	17 22	4
10	F	1 14 18	20 27 12	8 0 4	11 2	20 0	29 22	3
11	S	1 18 14	21 26 0	8 22 19	23 3	28 4	N 23	22 3
12	S	1 22 11	22 24 45	8 44 4	33 4	20 8	58 22	3
13	M	1 26 8	23 23 28	9 6 19	31 4	54 12	54 22	3
14	Tu	1 30 4	24 22 10	9 27 4	8 5	8 15	56 22	3
15	W	1 34 1	25 20 50	9 49 18	18 5	3 17	55 22	2
16	Th	1 37 57	26 19 27	10 10 1	58 4	40 18	47 22	2
17	F	1 41 54	27 18 1	10 31 15	10 4	2 18	35 22	2
18	S	1 45 50	28 16 34	10 52 27	57 3	14 17	25 22	2
19	S	1 49 47	29 15 5	11 13 10	21 2	18 15	27 22	2
20	M	1 53 43	0 13 33	11 34 22	30 1	16 12	50 22	19
21	Tu	1 57 40	1 11 59	11 54 4	26 0	13 9	42 22	16
22	W	2 1 37	2 10 23	12 14 16	16 0	N 51	6 12	22 14
23	Th	2 5 33	3 8 45	12 34 28	3 1	52 2	29 22	12
24	F	2 9 29	4 7 5	12 54 9	51 2	48 18	20 22	10
25	S	2 13 25	5 5 23	13 14 21	48 3	37 5	7 22	8
26	S	2 17 21	6 3 40	13 33 8	41 4	16 8	44 22	6
27	M	2 21 17	7 1 54	13 52 15	47 4	43 12	2 22	4
28	Tu	2 25 13	8 0 7	14 11 28	1 5	114 51	22 1	1
29	W	2 29 9	8 58 18	14 30 10	25 5	3 17	2 21	59
30	Th	2 33 5	9 56 28	14 45 23	0 4	50 18	27 21	56

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 26	17 N 5	1 N 21	19 N 19	0 N 4	7 N 57	6 π 20
4	0 27	17 41	1 29	20 21	0 38	10 42	6 10
7	0 29	18 18	1 39	21 22	1 12	13 17	6 1
10	0 31	18 52	1 49	22 11	1 44	15 34	5 51
13	0 32	19 26	2 0	23 5	2 12	17 31	5 42
16	0 34	19 56	2 8	23 51	2 33	19 4	5 32
19	0 36	20 27	2 17	24 28	2 46	20 13	5 23
22	0 37	20 53	2 25	25 3	2 44	20 56	5 13
25	0 39	21 21	2 32	25 28	2 27	21 16	5 4
28	0 40	21 46	2 38	25 51	2 27	21 11	4 54

D M	\hbar	γ	δ	ζ	η	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		\odot	\lrcorner	\hbar	γ	δ	ζ
1	7 π 50	28 Π 44	16 ϵ 6	20 ϵ 58	20 τ 8							
2	7 52	28 52	16 48	22 8	22 11		Δ					
3	7 53	28 59	17 30	23 17	24 12	$\zeta \delta \lrcorner$			δ			Δ
4	7 55	29 7	18 12	24 27	26 10		\square		σ			
5	7 56	29 14	18 54	25 36	28 6			*			Δ	Δ
6	7 57	29 22	19 36	26 46	0 ϵ 1	$\zeta * \gamma$						\square
7	7 58	29 30	20 18	27 55	1 54		*	\square			\square	*
8	7 59	29 38	21 0	29 4	3 43				*	Δ		*
9	7 59	29 46	21 42	0 Π 13	5 29		Δ		*		*	
10	8 0	29 55	22 23	1 22	7 12	$\delta \delta \lrcorner$			\square	\square	*	
11	8 0	0 ϵ 3	23 5	2 31	8 51	$\zeta \Delta \hbar$	σ					σ
12	8 1	0 11	23 47	3 40	10 25				Δ	*		σ
13	8 1	0 20	24 28	4 48	11 55			δ			σ	
14	8 1	0 29	25 10	5 56	13 20						σ	
15	8 1	0 38	25 51	7 4	14 40							
16	8 π 1	0 47	26 32	8 12	15 56		*		δ	σ		
17	8 1	0 57	27 14	9 20	17 7							*
18	8 1	1 5	27 55	10 28	18 13		\square	Δ			*	
19	8 1	1 15	28 36	11 35	19 13						*	
20	8 0	1 24	29 18	12 42	20 8			\square				\square
21	8 0	1 34	29 59	13 49	20 57	$\odot * \gamma$	Δ		Δ	*	\square	
22	7 59	1 43	0 Π 40	14 56	21 40	$\zeta \delta \lrcorner$		*			\square	Δ
23	7 59	1 53	1 21	16 3	22 18					\square		
24	7 59	2 3	2 2	17 10	22 50				\square		Δ	
25	7 58	2 13	2 43	18 16	23 17						Δ	
26	7 57	2 23	3 24	19 21	23 38		δ		*	Δ		
27	7 56	2 33	4 5	20 27	23 54							
28	7 55	2 44	4 46	21 32	24 4	$\odot \Delta \hbar$	σ					δ
29	7 54	2 54	5 27	22 38	24 π 9						δ	
30	7 53	3 4	6 8	23 43	24 8						δ	

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Ju		
		Lat.	Declin.	Lat.	Declin.			
	'	"	°	'	°	'	°	'
1	15	54	0 N 18	17 S 58	0 N 52	22 S 22	0 N	4
4	15	54	0 18	17 55	0 52	22 22	0	4
7	15	53	0 18	17 53	0 52	22 22	0	4
10	15	52	0 18	17 51	0 52	22 22	0	4
13	15	51	0 18	17 49	0 52	22 23	0	6
16	15	51	0 18	17 48	0 52	22 23	0	6
19	15	50	0 18	17 46	0 52	22 24	0	6
22	15	50	0 18	17 45	0 52	22 24	0	6
25	15	49	0 18	17 43	0 52	22 25	0	7
28	15	49	0 18	17 41	0 52	22 25	0	7
31	15	48	0 18	17 39	0 52	22 26	0	7

D M	D W	Sidereal Time.		☉ Long.		☉ Declin.		☽ Long.		☽ Lat.		☽ Declin.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'
1	F	2	37	2	10	8	54	36	15	N	7	5	47
2	S	2	40	58	11	52	42	15	25	18	47	3	42
3	S	2	44	55	12	50	48	15	42	2	3	2	48
4	M	2	48	52	13	48	52	16	0	15	36	1	43
5	Tu	2	52	48	14	46	55	16	17	29	28	0	32
6	W	2	56	45	15	44	56	16	34	13	40	0	8
7	Th	3	0	41	16	42	56	16	51	28	11	1	58
8	F	3	4	38	17	40	55	17	7	12	57	3	5
9	S	3	8	34	18	38	52	17	23	27	53	4	1
10	S	3	12	31	19	36	48	17	39	12	51	4	40
11	M	3	16	27	20	34	43	17	55	27	42	4	59
12	Tu	3	20	24	21	32	36	18	10	12	16	4	59
13	W	3	24	21	22	30	28	18	25	26	27	4	40
14	Th	3	28	17	23	28	17	18	39	10	12	4	6
15	F	3	32	14	24	26	6	18	54	23	28	3	18
16	S	3	36	10	25	23	53	19	8	6	17	2	22
17	S	3	40	7	26	21	37	19	21	18	45	1	21
18	M	3	44	3	27	19	21	19	35	0	54	0	18
19	Tu	3	48	0	28	17	3	19	48	12	51	0	N
20	W	3	51	56	29	14	43	20	0	24	41	1	46
21	Th	3	55	53	0	12	21	20	13	6	29	2	42
22	F	3	59	50	1	9	59	20	25	18	20	3	31
23	S	4	3	46	2	7	34	20	36	0	17	4	11
24	S	4	7	43	3	5	9	20	48	12	23	4	40
25	M	4	11	39	4	2	42	20	58	24	40	4	57
26	Tu	4	15	36	5	0	14	21	9	7	9	4	59
27	W	4	19	32	5	57	44	21	19	19	50	4	48
28	Th	4	23	29	6	55	14	21	29	2	42	4	21
29	F	4	27	25	7	52	43	21	38	15	47	3	40
30	S	4	31	22	8	50	12	21	48	29	2	2	47
31	S	4	35	19	9	47	39	21	56	12	29	1	44

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 41	22 N 9	2 N 34	26 N 6	1 N 59	20 N 43	4 W 45
4	0 42	22 29	2 49	26 13	1 21	19 55	4 35
7	0 44	22 49	2 53	26 20	0 35	18 49	4 26
10	0 46	23 7	2 56	26 17	0 S 17	17 33	4 16
13	0 47	23 23	2 57	26 12	1 9	16 14	4 7
16	0 48	23 37	2 57	25 59	1 57	15 1	3 57
19	0 49	23 49	2 57	25 42	2 39	14 1	3 48
22	0 50	24 1	2 54	25 20	3 11	13 20	3 38
25	0 51	24 7	2 51	24 53	3 34	13 0	3 29
28	0 53	24 13	2 46	24 22	3 46	13 1	3 19
31	0 54	24 19	2 38	24 47	3 50	13 21	3 10

D	h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	
1	7 52	3 15	6 49	24 48	24 1		Δ		♈	♉				
2	7 50	3 25	7 30	25 53	23 54			*					Δ	
3	7 49	3 36	8 11	26 57	23 39						Δ			
4	7 47	3 47	8 51	28 1	23 16		□							
5	7 46	3 58	9 32	29 5	22 51			□		Δ		Δ	□	
6	7 44	4 9	10 13	0 25	9 22	24		*		*		□		
7	7 42	4 20	10 53	1 13	21 55			Δ			□		□	
8	7 40	4 31	11 34	2 16	21 23	♀ ♀ ☿				□	*	*	*	
9	7 38	4 42	12 14	3 19	20 49						*	*		
10	7 35	4 54	12 55	4 21	20 13	☉ ☉ ♀	☉		Δ					
11	7 33	5 5	13 35	5 24	19 37	♀ ☉ ♀			♈				♈	
12	7 31	5 16	14 16	6 27	19 1	☉ ☉ ♀						♈		
13	7 28	5 28	14 56	7 29	18 27	♀ ♀ ♀								
14	7 26	5 39	15 37	8 30	17 54					♈	♈		♈	
15	7 23	5 51	16 17	9 31	17 22		*	Δ					*	
16	7 21	6 3	16 58	10 31	16 52									
17	7 18	6 15	17 38	11 32	16 25			□			*		□	
18	7 15	6 27	18 18	12 33	16 2			□						
19	7 12	6 39	18 58	13 33	15 43				Δ	*		*	Δ	
20	7 9	6 51	19 38	14 32	15 27		Δ	*				□		
21	7 6	7 3	20 18	15 31	15 15	♈ ♀ ♀				□	□			
22	7 3	7 15	20 58	16 29	15 8	♀ * ♀						Δ	□	
23	7 0	7 27	21 38	17 27	15 D 5									
24	6 57	7 39	22 18	18 25	15 6				*	Δ			♈	
25	6 54	7 52	22 58	19 23	15 12			♈				Δ		
26	6 50	8 4	23 38	20 20	15 22			♈						
27	6 47	8 17	24 18	21 17	15 37	♀ Δ ♀						♈		
28	6 43	8 29	24 58	22 13	15 56				*	♈	♈			
29	6 40	8 42	25 38	23 8	16 20								Δ	
30	6 36	8 54	26 18	24 8	16 48							♈		
31	6 33	9 7	26 58	24 55	17 20		Δ						□	

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter	
			Lat.	Declin.	Lat.	Declin.	Lat.	D
1	15	48	0 N 18	17 S 38	0 N 51	22 S 27	0 N 7	2
4	15	48	0 18	17 36	0 51	22 27	0 7	2
7	15	47	0 18	17 34	0 51	22 28	0 8	2
10	15	47	0 18	17 32	0 51	22 29	0 8	2
13	15	46	0 17	17 31	0 51	22 30	0 8	2
16	15	46	0 17	17 30	0 51	22 30	0 8	2
19	15	46	0 17	17 28	0 50	22 31	0 9	2
22	15	46	0 17	17 27	0 50	22 32	0 9	2
25	15	46	0 17	17 25	0 50	22 33	0 9	2
28	15	45	0 17	17 24	0 50	22 33	0 9	2

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	I
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	
1	M	4 39 15	10 11 45	6 22 N 5	26 34 6	0 N 34	12 S 17	2
2	Tu	4 43 12	11 42 32	22 13 10	30 0	0 S 39	8 26	2
3	W	4 47 8	12 39 58	22 20 24	4	1 51 4	4 4	2
4	Th	4 51 5	13 37 23	22 27 8	20	2 57 0	N 35	2
5	F	4 55 2	14 34 48	22 34 22	47	3 53 5	16	2
6	S	4 58 58	15 32 11	22 40 7	20	4 34 9	39	2
7	S	5 2 55	16 29 35	22 46 21	55	4 57 13	29	2
8	M	5 6 51	17 26 58	22 52 6	25	5 11 6	27	2
9	Tu	5 10 48	18 24 19	22 57 20	42	4 46 18	23	2
10	W	5 14 44	19 21 41	23 2 4	41	4 14 19	9	2
11	Th	5 18 41	20 19 2	23 6 18	18	3 28 18	47	2
12	F	5 22 37	21 16 22	23 10 1	30	2 32 17	22	2
13	S	5 26 34	22 13 41	23 14 14	19	1 30 15	7	2
14	S	5 30 31	23 10 59	23 17 26	47	0 25 12	13	2
15	M	5 34 28	24 8 17	23 20 8	58	0 N 40	8 50	2
16	Tu	5 38 24	25 5 33	23 22 20	57	1 42 5	10	2
17	W	5 42 20	26 2 49	23 24 2	48	2 39 1	19	2
18	Th	5 46 17	27 0 4	23 26 14	38	3 30 2	S 33	2
19	F	5 50 13	27 57 18	23 27 26	32	4 11 6	21	1
20	S	5 54 10	28 54 32	23 27 8	33	4 41 9	55	1
21	S	5 58 6	29 51 45	23 28 20	46	5 0 13	9	1
22	M	6 2 3	0 48 58	23 27 3	13	5 4 15	50	1
23	Tu	6 6 0	1 46 10	23 27 15	55	4 54 17	51	1
24	W	6 9 56	2 43 21	23 26 28	53	4 28 18	59	1
25	Th	6 13 53	3 40 33	23 24 12	47	3 48 19	7	1
26	F	6 17 49	4 37 44	23 23 25	33	2 55 18	11	1
27	S	6 21 46	5 34 56	23 20 9	11	1 50 16	12	1
28	S	6 25 42	6 32 7	23 18 22	59	0 39 13	15	1
29	M	6 29 39	7 29 19	23 15 6	55	0 S 36	9 32	1
30	Tu	6 33 35	8 26 30	23 11 20	56	1 49 5	16	1

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 54	24 N 20	2 N 37	23 N 34	2 S 49	13 N 31	3 ^{ny} 7
4	0 55	24 21	2 27	22 56	3 42	14 14	2 57
7	0 55	24 22	2 17	22 12	3 27	15 10	2 48
10	0 56	24 20	2 5	21 29	2 7	16 17	2 38
13	0 57	24 18	1 50	20 39	2 42	17 32	2 29
16	0 58	24 13	1 23	19 54	1 13	18 51	2 19
19	0 59	24 6	1 13	19 0	1 40	20 11	2 9
22	1 0	23 57	0 48	18 15	0 5	21 27	2 0
25	1 0	23 47	0 27	17 18	0 N 30	22 34	1 50
28	1 1	23 35	0 S 3	16 34	0 5	23 28	1 41

D M	\hbar	Υ	δ	ζ	γ	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	Υ	δ	ζ	γ
1	6w29	9 ϖ 20	27 Π 37	25 ϖ 48	17 ϖ 56			\square			Δ		
2	6R26	9 32	28 17	26 40	18 33		\square		*	Δ			
3	6 22	9 45	28 57	27 32	19 17			Δ			\square	Δ	*
4	6 18	9 58	29 36	28 24	20 9	$\gamma \delta \hbar$	*		\square	\square			
5	6 14	10 10	0 ϖ 16	29 15	21 3								
6	6 10	10 23	0 56	0 Ω 6	21 58				Δ	*	*	\square	
7	6 6	10 36	1 35	0 56	22 56			δ				*	γ
8	6 2	10 49	2 15	1 46	23 57							*	
9	5 58	11 2	2 54	2 35	25 3		γ						
10	5 54	11 15	3 34	3 23	26 13				δ	γ	γ		
11	5 50	11 28	4 13	4 10	27 26			Δ					
12	5 46	11 41	4 53	4 55	28 40							γ	*
13	5 41	11 54	5 32	5 39	0 Π 1	$\delta \delta \hbar$							
14	5 37	12 7	6 12	6 23	1 23		*	\square					\square
15	5 33	12 20	6 51	7 6	2 48				Δ	*	*		
16	5 28	12 34	7 31	7 48	4 17			*					
17	5 24	12 47	8 10	8 29	5 49		\square		\square		\square	*	Δ
18	5 20	13 0	8 50	9 8	7 24					\square		*	
19	5 15	13 14	9 29	9 46	9 1		Δ						
20	5 11	13 27	10 9	10 23	10 41				*	Δ	Δ	\square	
21	5 7	13 40	10 48	10 59	12 25	$\odot \delta \hbar$	γ						
22	5 2	13 54	11 27	11 34	14 13								
23	4 58	14 7	12 6	12 8	16 3							Δ	δ
24	4 54	14 20	12 45	12 41	17 55		δ		γ				
25	4 49	14 34	13 24	13 13	19 50					δ	δ		
26	4 45	14 47	14 3	13 43	21 47			*					
27	4 40	15 0	14 42	14 11	23 47							δ	
28	4 36	15 14	15 21	14 38	25 49	$\delta \gamma \Upsilon$		\square					Δ
29	4 31	15 27	16 0	15 3	27 53		Δ		*				
30	4 27	15 40	16 39	15 26	29 58			Δ		Δ	Δ		

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 17	17 S 23	0 N 50	22 S 33	0 N 10	22 N 41
4	15	45	0 17	17 23	0 50	22 34	0 10	22 36
7	15	45	0 17	17 22	0 49	22 35	0 10	22 31
10	15	46	0 17	17 21	0 49	22 35	0 10	22 26
13	15	46	0 17	17 21	0 49	22 36	0 11	22 21
16	15	46	0 17	17 20	0 49	22 36	0 11	22 16
19	15	46	0 17	17 20	0 48	22 37	0 12	22 10
22	15	46	0 17	17 19	0 48	22 37	0 12	22 5
25	15	47	0 17	17 19	0 47	22 38	0 12	21 59
28	15	47	0 17	17 19	0 47	22 39	0 12	21 54
31	15	47	0 17	17 19	0 47	22 40	0 13	21 46

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	6 37 32	9 25 23 42	23 N 8	5 r 3	2 S 56	0 S 41	19 m 40
2	Th	6 41 28	10 20 55 23	3 19 14	3 53	3 N 56	19 R 39	
3	F	6 45 25	11 18 7 22	58 3 27	4 35	8 21	19 38	
4	S	6 49 22	12 15 20 22	54 17 40	5 12	18 19	19 37	
5	S	6 53 18	13 12 33 22	48 1 10 50	5 8	15 31	19 36	
6	M	6 57 15	14 9 47 22	42 15 53	4 56	17 48	19 35	
7	Tu	7 1 11	15 7 12 22	36 29 44	4 27	19 0	19 34	
8	W	7 5 8	16 4 15 22	29 13 21	3 44	19 5	19 33	
9	Th	7 9 5	17 1 29 22	22 26 40	2 49	18 5	19 32	
10	F	7 13 1	17 58 44 22	15 9 40	1 46	16 9	19 30	
11	S	7 16 57	18 55 59 22	7 22 21	0 39	13 28	19 29	
12	S	7 20 54	19 53 14 21	59 4 m 45	0 N 29	10 13	19 28	
13	M	7 24 51	20 50 29 21	51 16 55	1 33	6 36	19 27	
14	Tu	7 28 47	21 47 44 21	42 28 53	2 33	2 47	19 26	
15	W	7 32 44	22 44 59 21	32 10 45	3 26	1 S 6	19 25	
16	Th	7 36 40	23 42 14 21	23 22 36	4 10	4 56	19 25	
17	F	7 40 37	24 39 30 21	13 4 m 31	4 43	8 35	19 24	
18	S	7 44 33	25 36 46 21	2 16 33	5 4	11 57	19 24	
19	S	7 48 30	26 34 1 20	52 28 50	5 12	14 50	19 24	
20	M	7 52 26	27 31 17 20	40 11 22	5 6	17 7	19 23	
21	Tu	7 56 23	28 28 34 20	29 24 13	4 44	18 37	19 23	
22	W	8 0 20	29 25 51 20	17 7 v 24	4 6	19 9	19 23	
23	Th	8 4 16	0 23 9 20	5 20 54	3 14	18 38	19 23	
24	F	8 8 13	1 20 27 19	53 4 m 43	2 10	17 0	19 22	
25	S	8 12 9	2 17 46 19	40 18 45	0 57	14 19	19 22	
26	S	8 16 6	3 15 5 19	27 2 x 59	0 S 21	10 45	19 22	
27	M	8 20 2	4 12 26 19	13 17 19	1 39	6 32	19 22	
28	Tu	8 23 59	5 9 46 19	0 1 r 41	2 50	1 56	19 D 22	
29	W	8 27 55	6 7 10 18	46 16 2	3 50	2 N 46	19 22	
30	Th	8 31 52	7 4 34 18	31 0 18	4 36	7 16	19 22	
31	F	8 35 49	8 1 59 18	16 14 27	5 5	11 20	19 22	

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "
1	1 N 2	23 N 22	0 S 29	15 N 39	0 N 36	24 N 3	1 w 31
4	1 2	23 8	1 4	15 0	1 4	24 14	1 21
7	1 3	22 50	1 37	14 8	1 24	24 1	1 12
10	1 3	22 32	2 17	13 35	1 40	23 23	1 2
13	1 4	22 11	2 54	12 50	1 48	22 24	0 53
16	1 4	21 49	3 36	12 28	1 49	21 6	0 43
19	1 5	21 27	4 17	11 51	1 45	19 34	0 34
22	1 5	21 3	4 56	11 40	1 35	17 50	0 24
25	1 6	20 37	5 38	11 17	1 21	16 0	0 15
28	1 6	20 11	6 8	11 12	1 3	14 5	0 5
31	1 6	19 43	6 40	11 10	0 41	12 7	29 Ω 56

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "								
1	4 w 22	15 Ω 54	17 Ω 18	15 Ω 47	2 Ω 5		☐		☐				☐
2	4 R 18	16 7	17 57	16 7	4 12	♂ ♂ ♀				☐	☐	Δ	*
3	4 14	16 21	18 36	16 25	6 21		*	♂	Δ	*	*	☐	*
4	4 9	16 34	19 15	16 41	8 32								
5	4 5	16 48	19 54	16 55	10 43	♂ Δ ☿							
6	4 0	17 1	20 33	17 7	12 53								*
7	3 56	17 15	21 12	17 18	15 2	☉ ♂ ♀	☉	♂					♂
8	3 52	17 28	21 51	17 27	17 11	♂ ♂ ♀	☉	Δ		♂			♂
9	3 47	17 41	22 30	17 34	19 19	♂ Δ ☿					♂		
10	3 43	17 55	23 9	17 38	21 27	☉ ♂ ♀							
11	3 39	18 8	23 48	17 39	23 34	♂ ♂ ♂		☐					♂
12	3 35	18 21	24 27	17 37	25 39	☉ Δ ☿			Δ				
13	3 31	18 35	25 5	17 32	27 43		*	*		*			
14	3 27	18 48	25 44	17 25	29 45				☐		*		*
15	3 23	19 2	26 22	17 16	1 Ω 45								
16	3 19	19 15	27 1	17 5	3 44		☐						
17	3 15	19 29	27 39	16 53	5 41	♄ Δ ☿			*		☐	☐	☐
18	3 11	19 42	28 18	16 39	7 37			♂		Δ		☐	
19	3 7	19 56	28 56	16 22	9 32		Δ				Δ	Δ	Δ
20	3 3	20 9	29 35	16 2	11 25								
21	2 59	20 23	0 Ω 14	15 40	13 15								
22	2 55	20 36	0 52	15 16	15 3	♂ ♂ ♀			♂				
23	2 51	20 50	1 31	14 50	16 49			*		♂			
24	2 48	21 3	2 10	14 22	18 34			♂			♂		
25	2 44	21 17	2 48	13 51	20 18	♂ ☐ ☿		☐				♂	♂
26	2 41	21 30	3 27	13 18	22 0				*				
27	2 37	21 43	4 5	12 44	23 40	☉ ♂ ♂			Δ	Δ			
28	2 34	21 57	4 44	12 9	25 18			Δ		☐		Δ	Δ
29	2 31	22 10	5 22	11 34	26 55					☐		Δ	Δ
30	2 27	22 23	6 1	10 58	28 30					Δ		☐	Δ
31	2 24	22 37	6 39	10 22	0 w 3			☐	♂			☐	

AUGUST XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	15	47	0 N 16	17 S 19	0 N 46	22 S 41	0 N 13	2
4	15	47	0 16	17 19	0 46	22 41	0 13	2
7	15	48	0 16	17 20	0 45	22 42	0 14	2
10	15	48	0 16	17 21	0 45	22 42	0 14	2
13	15	49	0 16	17 21	0 44	22 43	0 14	2
16	15	49	0 16	17 22	0 44	22 43	0 14	2
19	15	50	0 16	17 23	0 43	22 44	0 15	2
22	15	50	0 16	17 24	0 43	22 44	0 15	2
25	15	51	0 16	17 25	0 42	22 45	0 16	2
28	15	51	0 16	17 26	0 42	22 45	0 16	2
31	15	52	0 16	17 27	0 42	22 45	0 16	2

D M	D W	Sidereal		☉		☉		♂		♂		♂	
		Time.		Long.		Declin		Long.		Lat.		Declin	
		H.	M.	S.	°	'	°	°	'	°	'	°	'
1	S	8	39	45	8 59	25	18 N 1	28 8	27	5 S 15	14 N 42	1	
2	S	8	43	42	9	56	53	17	46	12 11	17	13	
3	M	8	47	38	10	54	22	17	31	25	56	4	42
4	Tu	8	51	35	11	51	51	17	15	9 25	21	4	1
5	W	8	55	31	12	49	23	16	59	22	32	3	8
6	Th	8	59	28	13	46	55	16	42	5 52	29	2	6
7	F	9	3	24	14	44	29	16	26	18	11	0	59
8	S	9	7	21	15	42	3	16	9	0 47	39	0	N
9	S	9	11	18	16	39	39	15	51	12	54	1	16
10	M	9	15	14	17	37	16	15	34	24	59	2	19
11	Tu	9	19	11	18	34	54	15	16	6 25	55	3	15
12	W	9	23	7	19	32	33	14	58	18	46	4	2
13	Th	9	27	4	20	30	12	14	40	0 43	36	4	39
14	F	9	31	0	21	27	53	14	22	12	30	5	4
15	S	9	34	57	22	25	35	14	3	24	32	5	16
16	S	9	38	53	23	23	17	13	44	6 4	47	5	14
17	M	9	42	50	24	21	1	13	25	19	18	4	58
18	Tu	9	46	47	25	18	46	13	6	2 47	10	4	26
19	W	9	50	43	26	16	32	12	46	15	25	3	39
20	Th	9	54	40	27	14	19	12	26	29	4	2	39
21	F	9	58	36	28	12	8	12	7	13 23	6	1	27
22	S	10	2	33	29	9	58	11	46	27	29	0	9
23	S	10	6	29	0 47	7	49	11	26	12 4	7	1	8
24	M	10	10	26	1	5	42	11	6	26	53	2	29
25	Tu	10	14	22	2	3	37	10	45	11 4	41	3	35
26	W	10	18	19	3	1	33	10	24	26	23	4	27
27	Th	10	22	15	3	59	31	10	3	10 8	54	5	2
28	F	10	26	12	4	57	31	9	42	25	10	5	17
29	S	10	30	9	5	55	33	9	21	9 11	8	5	12
30	S	10	34	5	6	53	37	8	59	22	48	4	50
31	M	10	38	2	7	51	43	8	38	6 25	10	4	13

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jup	
			Lat.	Declin.	Lat.	Declin.	Lat.	
	'	"	°	'	°	'	°	'
1	15	54	0 N 16	17 S 28	0 N 41	22 S 46	0 N 16	
4	15	54	0 16	17 30	0 41	22 46	0 16	
7	15	55	0 15	17 32	0 41	22 47	0 17	
10	15	56	0 15	17 34	0 41	22 47	0 17	
13	15	57	0 15	17 36	0 40	22 47	0 18	
16	15	57	0 15	17 38	0 40	22 47	0 18	
19	15	58	0 15	17 40	0 39	22 48	0 19	
22	15	59	0 15	17 41	0 39	22 48	0 19	
25	16	0	0 15	17 43	0 38	22 49	0 20	
28	16	0	0 15	17 45	0 38	22 49	0 20	

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin
		H. M. s.	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	10 41 58	8 ^m 49 51	8 N 16	19 ^h 5 14	3 S 23	18 N 43
2	W	10 45 55	9 48 1	7 55	2 ^h 2 4	2 24	17 23
3	Th	10 49 51	10 46 13	7 32	14 40	1 19	15 11
4	F	10 53 48	11 44 27	7 10	27 4	0 11	12 20
5	S	10 57 44	12 42 42	6 48	9 ^m 17	0 N 56	8 58
6	S	11 1 41	13 41 0	6 25	21 22	2 0	5 16
7	M	11 5 38	14 39 19	6 3	3 ^h 20	2 58	1 24
8	Tu	11 9 34	15 37 40	5 40	15 13	3 48	2 S 29
9	W	11 13 31	16 36 3	5 18	27 3	4 28	6 16
10	Th	11 17 27	17 34 27	4 55	8 ^m 53	4 56	9 47
11	F	11 21 24	18 32 53	4 32	20 46	5 12	12 57
12	S	11 25 20	19 31 21	4 9	2 ^h 46	5 14	15 35
13	S	11 29 17	20 29 49	3 46	14 58	5 3	17 36
14	M	11 33 13	21 28 20	3 23	27 25	4 37	18 49
15	Tu	11 37 10	22 26 52	3 0	10 ^m 12	3 57	19 8
16	W	11 41 7	23 25 26	2 37	23 22	3 3	18 26
17	Th	11 45 3	24 24 2	2 14	6 ^m 59	1 58	16 39
18	F	11 49 0	25 22 39	1 50	21 3	0 43	13 49
19	S	11 52 56	26 21 18	1 27	5 ^h 32	0 S 37	10 3
20	S	11 56 53	27 19 59	1 4	20 23	1 55	5 35
21	M	12 0 49	28 18 42	0 40	5 ^h 29	3 7	0 41
22	Tu	12 4 46	29 17 27	0 17	20 39	4 6	4 N 16
23	W	12 8 42	0 ^h 16 14	0 S 6	5 ^h 44	4 48	8 55
24	Th	12 12 39	1 15 4	0 30	20 36	5 9	12 57
25	F	12 16 36	2 13 55	0 53	5 ^h 7	5 10	16 5
26	S	12 20 32	3 12 48	1 17	19 13	4 52	18 10
27	S	12 24 29	4 11 45	1 40	2 ^h 53	4 18	19 8
28	M	12 28 25	5 10 43	2 4	16 9	3 31	19 0
29	Tu	12 32 22	6 9 44	2 27	29 3	2 34	17 51
30	W	12 36 18	7 8 47	2 50	11 ^h 39	1 31	15 51

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1N10	13N36	5S59	13N45	4S8	3S27	28Ω14
4	1 10	12 56	5 35	13 54	4 18	3 15	28 4
7	1 10	12 16	5 10	14 0	4 14	2 29	27 55
10	1 10	11 36	4 45	14 3	3 54	1 9	27 45
13	1 10	10 53	4 20	14 0	3 17	0N38	27 36
16	1 10	10 7	3 54	13 54	2 26	2 34	27 26
19	1 10	9 29	3 30	13 43	1 27	4 19	27 17
22	1 10	8 45	3 7	13 27	0 28	5 34	27 7
25	1 10	8 2	2 43	13 8	0N24	6 8	26 58
28	1 10	7 17	2 23	12 44	1 4	5 59	26 48

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /							
1	1w25	29Ω19	27Ω4	2Ω38	29w6			Δ			♂	
2	1R25	29 31	27 43	2 58	28R59					♂		*
3	1 25	29 42	28 21	3 19	28 42			□				
4	1D25	29 54	28 59	3 43	28 16				Δ		♂	
5	1 25	0Ω 5	29 37	4 8	27 45		♊					
6	1 25	0 17	0w15	4 35	27 9			*				♊
7	1 25	0 28	0 53	5 4	26 29				□	*		*
8	1 26	0 40	1 32	5 34	25 43	♊ Δ h				*		*
9	1 26	0 51	2 10	6 6	24 51				*	□	*	
10	1 27	1 2	2 48	6 39	23 52							□
11	1 27	1 13	3 26	7 13	22 51		*	♊				*
12	1 28	1 24	4 4	7 48	21 49	☉♊♋	♊	♊		Δ	□	Δ
13	1 28	1 35	4 42	8 24	20 48	☉*♈	♊	□				□
14	1 29	1 46	5 20	9 2	19 48	♋*♈			♊			
15	1 30	1 56	5 58	9 41	18 49					♊		
16	1 31	2 7	6 36	10 21	17 51		Δ	*				Δ
17	1 32	2 17	7 14	11 3	16 58						♊	♊
18	1 33	2 28	7 52	11 45	16 14			□				
19	1 34	2 38	8 30	12 28	15 41				*		♊	
20	1 36	2 48	9 8	13 12	15 16		♊	Δ				♊
21	1 37	2 58	9 46	13 57	14 58					□	Δ	
22	1 39	3 8	10 24	14 43	14 46							
23	1 40	3 18	11 2	15 30	14 D45					Δ	□	Δ
24	1 42	3 28	11 40	16 18	14 57	☉□h		♊				□
25	1 44	3 38	12 18	17 7	15 21		Δ			*		
26	1 46	3 47	12 57	17 55	15 53						□	*
27	1 48	3 57	13 35	18 45	16 33	☉*♋	□		♊			□
28	1 51	4 6	14 13	19 37	17 21						*	
29	1 53	4 16	14 51	20 30	18 18			Δ		♊		♊
30	1 55	4 25	15 29	21 24	19 23	♀□♈	*					

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 N 15	17 S 48	0 N 37	22 S 50	0 N 21	19 N 28
4	16	1	0 15	17 51	0 37	22 50	0 21	19 22
7	16	2	0 15	17 53	0 36	22 50	0 22	19 17
10	16	3	0 15	17 56	0 36	22 50	0 22	19 11
13	16	4	0 15	17 59	0 36	22 51	0 23	19 6
16	16	5	0 15	18 1	0 36	22 51	0 22	19 1
19	16	5	0 15	18 3	0 35	22 51	0 24	18 56
22	16	6	0 15	18 5	0 35	22 51	0 24	18 52
25	16	7	0 15	18 7	0 34	22 51	0 25	18 48
28	16	7	0 15	18 10	0 34	22 51	0 25	18 44
31	16	8	0 15	18 13	0 34	22 51	0 25	18 40

D M	D W	Sidereal Time.		☉ Long.		☉ Declin.		♃ Long.		♃ Lat.		♃ Declin.		♃ Long.	
		H. M. S.		° ' "		° ' "		° ' "		° ' "		° ' "		° ' "	
1	Th	12	40	15	8	7	53	3	8	14	24	0	0	8	27
2	F	12	44	11	9	7	0	3	37	6	m	10	0	N	41
3	S	12	48	8	10	6	10	4	0	18	12	1	45	6	17
4	S	12	52	4	11	5	23	4	23	0	u	8	2	43	2
5	M	12	56	1	12	4	37	4	47	12	0	3	33	1	S
6	Tu	12	59	58	13	3	54	5	10	23	51	4	14	5	19
7	W	13	3	54	14	3	12	5	33	5	m	41	4	44	8
8	Th	13	7	51	15	2	33	5	56	17	34	5	2	12	15
9	F	13	11	47	16	1	55	6	19	29	29	5	7	15	4
10	S	13	15	44	17	1	19	6	42	11	f	31	4	58	17
11	S	13	19	40	18	0	45	7	4	23	42	4	36	18	43
12	M	13	23	37	19	0	13	7	27	6	w	7	4	1	19
13	Tu	13	27	33	19	59	43	7	49	18	48	3	13	18	58
14	W	13	31	30	20	59	14	8	12	1	m	50	2	14	17
15	Th	13	35	27	21	58	47	8	34	15	17	1	5	15	13
16	F	13	35	23	22	58	22	8	56	29	12	0	8	9	11
17	S	13	43	20	23	57	59	9	18	13	x	35	1	25	7
18	S	13	47	16	24	57	37	9	40	28	23	2	37	3	3
19	M	13	51	13	25	57	17	10	2	13	r	31	3	40	1
20	Tu	13	55	9	26	57	0	10	24	28	50	4	28	6	53
21	W	13	59	6	27	56	44	10	45	14	8	9	4	56	11
22	Th	14	3	2	28	56	30	11	6	29	16	5	4	15	4
23	F	14	6	59	29	56	19	11	28	14	n	3	4	50	17
24	S	14	10	56	0	m	56	10	49	28	22	4	19	19	8
25	S	14	14	52	1	56	2	12	9	12	25	11	3	33	19
26	M	14	18	49	2	55	58	12	30	25	31	2	38	18	28
27	Tu	14	22	45	3	55	55	12	50	8	25	1	35	16	39
28	W	14	26	42	4	55	55	13	11	20	56	0	30	14	3
29	Th	14	30	38	5	55	57	13	31	3	m	11	0	N	35
30	F	14	34	35	6	56	1	13	50	15	14	1	37	7	19
31	S	14	38	31	7	56	7	14	10	27	9	2	35	3	30

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 10	6 N 34	1 S 57	12 N 15	1 N 33	5 N 10	26 ♀ 39
4	1 10	5 50	1 37	11 40	1 50	3 50	26 ♀ 29
7	1 10	5 4	1 15	11 4	1 57	2 6	26 ♀ 20
10	1 10	4 20	0 56	10 23	1 56	0 6	26 ♀ 10
13	1 9	3 34	0 36	9 36	1 49	2 S 1	26 ♀ 1
16	1 9	2 49	0 19	8 44	1 37	4 13	25 ♀ 51
19	1 9	2 3	0 1	7 54	1 22	6 25	25 ♀ 42
22	1 9	1 18	0 N 14	6 55	1 5	8 34	25 ♀ 32
25	1 8	0 31	0 30	5 57	0 46	10 40	25 ♀ 23
28	1 8	0 S 14	0 45	4 40	0 27	12 41	25 ♀ 13
31	1 8	0 59	1 0	3 50	0 7	14 35	25 ♀ 4

D M	h	♄	♅	♆	♇	Mutual	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	1 w 58	4 ♄ 34	16 m 7	22 ♀ 18	20 m 33			☐			♂	
2	2 1	4 43	16 45	23 12	21 47	♂ * ♄		*	Δ			♂
3	2 3	4 52	17 23	24 7	23 8			*		☐	*	
4	2 6	5 0	18 125	24 36				♂				
5	2 8	5 9	18 39	25 57	26 7							
6	2 11	5 18	19 17	26 53	27 40							*
7	2 14	5 26	19 55	27 49	29 14			♂	*	☐	*	
8	2 17	5 34	20 33	28 46	0 ♄ 51						*	
9	2 20	5 42	21 11	29 44	2 30	♂ ☐ h					☐	*
10	2 24	5 50	21 48	0 m 42	4 12	♂ * ♄				Δ		
11	2 27	5 58	22 1	41 5	54 ♀ * ♄			*			☐	
12	2 30	6 6	23 5	41 7	36 ♀ Δ h				♂		Δ	☐
13	2 34	6 13	23 43	3 40	9 19			☐	*		♂	
14	2 37	6 20	24 21	4 40	11 2					♂		
15	2 41	6 27	24 59	5 41	12 45			Δ	☐			Δ
16	2 45	6 34	25 37	6 42	14 29					*		
17	2 49	6 41	26 15	7 43	16 12					*		♂
18	2 53	6 48	26 53	8 45	17 55			Δ	☐		♂	
19	2 57	6 55	27 31	9 47	19 38					Δ		♂
20	3 1	7 1	28 9	10 49	21 20			♂		Δ		
21	3 5	7 8	28 47	11 52	23 2						☐	Δ
22	3 10	7 14	29 26	12 55	24 43			♂			Δ	
23	3 14	7 20	0 ♄ 3	13 59	26 24					*		☐
24	3 18	7 26	0 41	15 3	28 5			Δ		♂		
25	3 23	7 32	1 19	16 7	29 45						☐	*
26	3 27	7 37	1 57	17 12	1 m 25	☉ * h			Δ			
27	3 32	7 43	2 35	18 17	3 4	♂ * h		☐			♂	*
28	3 37	7 48	3 13	19 22	4 42	☉ ♂ ♄			☐			☐
29	3 41	7 53	3 51	20 28	6 20	♂ ☐ h		*		Δ		*
30	3 46	7 58	4 29	21 33	7 58	♂ ☐ ♄						
31	3 51	8 3	5 7	22 39	9 35	♂ * ♄		*				♂

NOVEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Ju
		Lat.	Declin.	Lat.	Declin.	
	' "	' "	' "	' "	' "	' "
1	16 10	0 N 15	18 S 15	0 N 33	22 S 51	0 N 26
4	16 10	0 15	18 19	0 33	22 51	0 26
7	16 11	0 14	18 22	0 33	22 51	0 27
10	16 12	0 14	18 25	0 33	22 51	0 27
13	16 12	0 14	18 27	0 32	22 50	0 28
16	16 13	0 14	18 30	0 32	22 50	0 28
19	16 14	0 14	18 32	0 31	22 49	0 29
22	16 14	0 14	18 34	0 31	22 49	0 29
25	16 15	0 14	18 37	0 31	22 48	0 30
28	16 15	0 14	18 40	0 31	22 47	0 31

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.
		H. M. S.	' "	' "	' "	' "	' "
1	♄	14 42 28	8 ^m 56 16	14 S 29	9 ^h 0	8 N 25	0 S 2
2	♅	14 46 25	9 56 26	14 48	20 49	4 6	4 2
3	♆	14 50 21	10 56 39	15 7	2 ^m 40	4 36	8
4	♁	14 54 18	11 56 53	15 26	14 34	4 54	11 3
5	♂	14 58 14	12 57 9	15 44	26 32	5 0	14 3
6	♂	15 2 11	13 57 27	16 3	8 ^h 35	4 52	16 5
7	♄	15 6 7	14 57 46	16 20	20 45	4 31	18 3
8	♅	15 10 4	15 58 7	16 38	3 ^h 3	3 57	19 2
9	♁	15 14 0	16 58 30	16 55	15 31	3 11	19 2
10	♂	15 17 57	17 58 54	17 12	28 13	2 15	18 1
11	♁	15 21 54	18 59 19	17 29	11 ^m 12	1 11	16 1
12	♂	15 25 50	19 59 46	17 45	24 32	0 1	13 20
13	♂	15 29 47	21 0 14	18 1	8 ^h 14	1 S 11	9 3
14	♄	15 33 43	22 0 44	18 17	22 22	2 20	5 1
15	♅	15 37 40	23 1 14	18 33	6 ^h 55	3 23	0 2
16	♁	15 41 36	24 1 47	18 48	21 50	4 13	4 N 3
17	♂	15 45 33	25 2 20	19 3	6 ^h 58	4 47	9 2
18	♁	15 49 29	26 2 55	19 17	22 12	5 0	13 3
19	♂	15 53 26	27 3 31	19 31	7 ^h 20	4 52	16 4
20	♅	15 57 23	28 4 9	19 45	22 12	4 25	18 5
21	♄	16 1 19	29 4 49	19 58	6 ^h 39	3 41	19 3
22	♅	16 5 16	0 ^h 5 30	20 11	20 37	2 44	19 1
23	♁	16 9 12	1 6 13	20 24	4 ^h 2	1 41	17 3
24	♂	16 13 9	2 6 57	20 36	17 4	0 34	15 1
25	♁	16 17 5	3 7 43	20 48	29 39	0 N 33	12 7
26	♂	16 21 2	4 8 30	21 0	11 ^m 56	1 36	8 3
27	♅	16 24 58	5 9 19	21 11	23 58	2 34	4 45
28	♄	16 28 55	6 10 10	21 21	5 ^h 52	3 24	0 48
29	♅	16 32 52	7 11 2	21 32	17 41	4 6	3 S 10
30	♁	16 36 48	8 11 56	21 42	29 31	4 36	7 0

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 8	1 S 15	1 N 1	3 N 25	0 S 0	15 S 12	25 Ω 1
4	1 8	2 0	1 25	2 13	0 20	16 58	24 52
7	1 7	2 46	1 23	1 6	0 40	18 35	24 42
10	1 7	3 31	1 33	0 S 9	0 59	20 5	24 33
13	1 6	4 16	1 41	1 20	1 17	21 26	24 23
16	1 6	5 0	1 48	2 35	1 33	22 37	24 14
19	1 5	5 45	1 54	3 51	1 48	23 38	24 4
22	1 4	6 29	1 59	5 10	2 1	24 28	23 55
25	1 3	7 12	2 4	6 23	2 11	25 7	23 45
28	1 3	7 56	2 7	7 40	2 18	25 33	23 36

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♄	♅	♀	♁
	° /	° /	° /	° /	° /								
1	3 56	8 Ω 8	5 Δ 45	23 45	11 12	☉ □ ♄			□	*	♅		
2	4 1	8 12	6 23	24 52	12 48								
3	4 6	8 16	7 1	25 59	14 24				*	□			
4	4 11	8 20	7 39	27 6	15 59		♅						♅
5	4 16	8 24	8 17	28 13	17 34	♅ * ♄	♅					*	
6	4 21	8 28	8 55	29 20	19 9					Δ	*		
7	4 27	8 32	9 33	0 Δ 27	20 43								
8	4 32	8 35	10 11	1 35	22 17	♀ ☉ ♀	*		♅			□	
9	4 38	8 38	10 49	2 43	23 51							□	
10	4 44	8 41	11 27	3 51	25 25			*				Δ	*
11	4 49	8 44	12 5	4 59	26 58	♀ □ ♈				♅	Δ		□
12	4 55	8 47	12 43	6 7	28 31		□	□					
13	5 1	8 49	13 21	7 15	0 † 3				*				
14	5 7	8 51	13 59	8 24	1 36	♀ * ♄	Δ	Δ					
15	5 12	8 53	14 37	9 33	3 8	☉ ☉ ♀			□	Δ		♅	Δ
16	5 18	8 55	15 15	10 43	4 40						♅		
17	5 24	8 57	15 53	11 52	6 12				Δ	□			
18	5 30	8 59	16 31	13 2	7 43		♅	♅					
19	5 36	9 0	17 9	14 12	9 14	♀ Δ ♄				*		Δ	♅
20	5 42	9 1	17 47	15 22	10 45							Δ	
21	5 48	9 2	18 25	16 32	12 15				♅				
22	5 54	9 3	19 31	17 42	13 45			Δ				□	□
23	6 0	9 4	19 41	18 53	15 15		Δ			♅		*	*
24	6 6	9 4	20 19	20 3	16 45	♀ ☉ ♅					*	*	Δ
25	6 13	9 5	21 57	21 14	18 15		□	□					
26	6 19	9 4	22 35	22 25	19 44				Δ				
27	6 26	9 4	23 13	23 36	21 12			*					□
28	6 32	9 3	24 51	24 47	22 40	♀ * ♅	*			*			
29	6 39	9 2	25 29	25 58	24 7				□			♅	♅
30	6 45	9 1	26 7	27 19	25 34							♅	*

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jup
			Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	16	15	0 N 14	18 8 43	0 N 31	22 8 46	0 N 32
4	16	15	0 14	18 46	0 31	22 46	0 32
7	16	16	0 14	18 49	0 30	22 45	0 33
10	16	16	0 14	18 52	0 30	22 44	0 33
13	16	16	0 14	18 54	0 30	22 43	0 34
16	16	16	0 14	18 56	0 30	22 41	0 34
19	16	17	0 14	18 58	0 29	22 40	0 35
22	16	17	0 14	19 0	0 29	22 39	0 36
25	16	17	0 14	19 3	0 29	22 38	0 36
28	16	17	0 14	19 5	0 29	22 37	0 37
31	16	17	0 14	19 7	0 28	22 36	0 37

D M	D W	Sidereal Time.	☉		☉		♂		♂		♂	
			Long.	Declin.	Long.	Declin.	Long.	Lat.	Declin.	Long.	Lat.	Declin.
		H. M. S.	°	'	"	°	'	°	'	°	'	°
1	Tu	16 40 45	9 7 12	51	21 8 51	11 24	4 N 55	10 8 35				
2	W	16 44 41	10 13 47	22	0 28 23	5	1 18	47				
3	Th	16 48 38	11 14 45	22	9 5 7	30	4 53	16	26			
4	F	16 52 34	12 15 43	22	17 17	44	4 32	18	23			
5	S	16 56 31	13 16 43	22	25 0	7	3 58	19	30			
6	S	17 0 27	14 17 43	22	32 12	40	3 11	19	40			
7	M	17 4 24	15 18 44	22	39 25	23	2 16	18	52			
8	Tu	17 8 21	16 19 46	22	45 8	17	1 11	17	4			
9	W	17 12 17	17 20 48	22	51 21	24	0 2	14	21			
10	Th	17 16 14	18 21 51	22	57 4	45	1 8	10	51			
11	F	17 20 10	19 22 55	23	2 18	24	2 17	6	42			
12	S	17 24 7	20 23 59	23	7 2	21	3 19	2	6			
13	S	17 28 3	21 25 3	23	11 16	37	4 10	2	N 41			
14	M	17 32 0	22 26 8	23	15 1	10	4 46	7	25			
15	Tu	17 35 56	23 27 13	23	18 15	55	5 3	11	46			
16	W	17 39 53	24 28 18	23	21 0	47	5 1	15	26			
17	Th	17 43 50	25 29 24	23	23 15	36	4 38	18	5			
18	F	17 47 46	26 30 31	23	25 0	14	3 57	19	31			
19	S	17 51 43	27 31 38	23	26 14	35	3 2	19	39			
20	S	17 55 39	28 32 45	23	27 28	31	1 57	18	34			
21	M	17 59 36	29 33 53	23	28 12	2	0 47	16	27			
22	Tu	18 3 32	0 35	23	27 25	6	0 N 23	13	32			
23	W	18 7 29	1 36 11	23	27 7	46	1 30	10	3			
24	Th	18 11 25	2 37 21	23	26 20	7	2 31	6	14			
25	F	18 15 22	3 38 31	23	25 2	13	3 25	2	15			
26	S	18 19 19	4 39 42	23	23 14	9	4 8	1 46				
27	S	18 23 15	5 40 53	23	20 26	0	4 41	5	42			
28	M	18 27 12	6 42 5	23	17 7	52	5 1	9	24			
29	Tu	18 31 8	7 43 17	23	14 19	47	5 9	12	45			
30	W	18 35 5	8 44 29	23	10 1	7	5 3	15	36			
31	Th	18 39 2	9 45 42	23	6 14	5	4 43	17	49			

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 2	8 S 38	2 N 9	8 S 53	2 S 22	25 S 48	23 Ω 25
4	1 1	9 19	2 10	10 17	2 21	25 49	23 16
7	1 0	10 1	2 11	11 19	2 15	25 37	23 6
10	1 0	10 41	2 10	12 30	2 2	25 12	22 57
13	0 59	11 22	2 8	13 38	1 40	24 36	22 47
16	0 58	12 1	2 6	14 46	1 9	23 52	22 38
19	0 57	12 41	2 3	15 47	0 26	23 3	22 28
22	0 56	13 18	1 59	16 45	0 N 27	22 14	22 19
25	0 55	13 56	1 54	17 44	1 26	21 29	22 9
28	0 54	14 32	1 48	18 45	2 20	20 52	22 0
31	0 53	15 6	1 40	19 20	2 59	20 24	21 50

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /							
1	6 52	9 Ω 0	24 △ 45	28 △ 21	26 ♀ 59	☉ △ ♄		*	□			
2	6 59	8 ♀ 59	25 23	29 32	28 24	♂ * ♈	♂					
3	7 5	8 58	26 1	0 ♄ 44	29 48		♂		△			
4	7 12	8 56	26 39	1 55	1 11							
5	7 18	8 54	27 17	3 7	2 32						*	* ♂
6	7 25	8 52	27 55	4 19	3 52			♂				
7	7 32	8 50	28 32	5 31	5 9		*			□		
8	7 38	8 47	29 10	6 43	6 24	♊ ♂ h			♊		□	
9	7 45	8 44	29 48	7 55	7 36	♀ * h	*	□			△	△ *
10	7 52	8 41	0 ♄ 26	9 7	8 45	♀ □ ♄		*		△	△ *	
11	7 59	8 38	1 4	10 20	9 50		□	△				
12	8 6	8 35	1 42	11 32	10 51				□	△		
13	8 13	8 32	2 19	12 45	11 48		△					□
14	8 19	8 28	2 57	13 57	12 39				△	□	♊	
15	8 26	8 24	3 35	15 10	13 23						♊	△
16	8 33	8 20	4 13	16 23	14 1			♊				
17	8 40	8 16	4 51	17 36	14 31					*		
18	8 47	8 12	5 29	18 49	14 51						△	
19	8 54	8 7	6 7	20 21	15 1	☉ ♂ ♊	♊	♊			△	♊
20	9 1	8 2	6 45	21 15	15 1		△					
21	9 8	7 57	7 23	22 28	14 49	♊ □ ♄			♊	□		
22	9 15	7 52	8 1	23 41	14 26	♀ ♂ ♈	△	□			□	△
23	9 22	7 47	8 39	24 54	13 51				△		*	△
24	9 29	7 42	9 17	26 7	13 4	♊ * h		*				
25	9 37	7 37	9 54	27 21	12 8		□			*		*
26	9 44	7 31	10 32	28 34	11 3				□			□
27	9 51	7 25	11 10	29 47	9 49	♀ ♂ h		*		*	□ ♂	*
28	9 58	7 19	11 47	1 1	8 28							
29	10 5	7 13	12 25	2 14	7 5							
30	10 12	7 7	13 3	3 28	5 45			♊		△	♊	
31	10 19	7 1	13 41	4 41	4 28							









RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1813.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.)

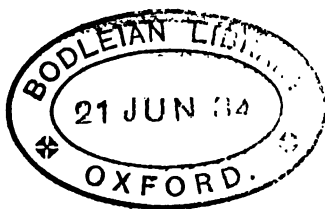


RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANET'S PLACES

For 1813.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR,
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's			Herschel.		Saturn.		J
	Semidia.			Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°	'
1	16	15	0 N 14	19 S 8	0 N 28	22 S 36	0 N 3	
4	16	15	0 14	19 10	0 28	22 34	0 3	
7	16	16	0 14	19 12	0 27	22 32	0 3	
10	16	16	0 14	19 14	0 27	22 30	0 3	
13	16	17	0 14	19 15	0 27	22 29	0 4	
16	16	17	0 14	19 17	0 27	22 28	0 4	
19	16	17	0 14	19 19	0 26	22 26	0 4	
22	16	18	0 14	19 20	0 26	22 24	0 4	
25	16	18	0 14	19 21	0 26	22 22	0 4	
28	16	18	0 14	19 22	0 26	22 20	0 4	
31	16	18	0 14	19 23	0 26	22 18	0 4	

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Decl
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	18 42 58	10 w 46 47	23 S 1	26 † 32	4 N 10	19 S
2	S	18 46 54	11 48 0	22 56	9 w 11	3 24	19
3	S	18 50 51	12 49 13	22 51	22 2	2 26	19
4	M	18 54 48	13 50 25	22 45	5 m 7	1 20	17
5	Tu	18 58 44	14 51 37	22 38	18 23	0 9	15
6	W	19 2 41	15 52 49	22 31	1 x 50	1 S 4	11
7	Th	19 6 37	16 54 1	22 24	15 23	2 15	7
8	F	19 10 34	17 55 11	22 16	29 16	3 18	3
9	S	19 14 30	18 56 21	22 7	13 r 15	4 11	1 N
10	S	19 18 27	19 57 31	21 59	27 23	4 49	6
11	M	19 22 23	20 58 40	21 49	11 x 38	5 10	10
12	Tu	19 26 20	21 59 48	21 40	25 59	5 11	14
13	W	19 30 17	23 0 55	21 30	10 † 22	4 55	17
14	Th	19 34 13	24 2 1	21 19	24 41	4 17	19
15	F	19 38 10	25 3 6	21 9	8 x 53	3 26	19
16	S	19 42 6	26 4 11	20 57	22 51	2 22	19
17	S	19 46 3	27 5 15	20 46	6 x 31	1 12	17
18	M	19 49 59	28 6 19	20 34	19 52	0 N 1	14
19	Tu	19 53 56	29 7 22	20 21	2 m 53	1 12	11
20	W	19 57 52	0 m 8 24	20 8	15 33	2 18	7
21	Th	20 1 49	1 9 26	19 55	27 56	3 16	3
22	F	20 5 46	2 10 28	19 42	10 x 5	4 3	0 S
23	S	20 9 42	3 11 28	19 28	22 4	4 40	4
24	S	20 13 39	4 12 29	19 13	3 m 57	5 4	8
25	M	20 17 35	5 13 28	18 59	15 50	5 15	11
26	Tu	20 21 32	6 14 27	18 44	27 46	5 13	14
27	W	20 25 28	7 15 25	18 29	9 † 51	4 57	17
28	Th	20 29 25	8 16 22	18 13	22 9	4 27	18
29	F	20 33 21	9 17 18	17 57	4 w 42	3 44	19
30	S	20 37 18	10 18 14	17 41	17 32	2 49	19
31	S	20 41 15	11 19 9	17 24	0 m 41	1 43	18

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 52	15 S 19	1 N 41	19 S 39	3 N 7	20 S 18	21 Q 47
4	0 50	15 56	1 34	20 19	3 16	20 11	21 37
7	0 49	16 26	1 28	20 58	3 8	20 19	21 28
10	0 48	16 57	1 21	21 27	2 48	20 39	21 18
13	0 47	17 29	1 13	21 55	2 22	21 6	21 9
16	0 46	17 59	1 5	22 12	1 53	21 34	20 59
19	0 44	18 28	0 57	22 30	1 23	22 0	20 50
22	0 42	18 55	0 49	22 36	0 54	22 20	20 40
25	0 40	19 22	0 40	22 41	0 26	22 33	20 30
28	0 38	19 44	0 32	22 35	0 S 1	22 37	20 21
31	0 36	20 8	0 23	22 24	0 25	22 31	20 11

D M	h		♄		♅		♀		♂		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋	♌
1	10 w 26	6 Q 55	14 m 18	5 ♄ 55	8 w 14	☉ ☉ h					☉ ☉ h							♈
2	10 33	6 R 48	14 56	7 9	2 R 6	♀ Δ ♄					☉ ☉ h							
3	10 41	6 41	15 34	8 22	1 8						☉ ☉ h							
4	10 48	6 34	16 11	9 36	0 22						☉ ☉ h							
5	10 55	6 27	16 49	10 49	29 ♄ 46						☉ ☉ h							
6	11 2	6 20	17 27	12 3	29 18						☉ ☉ h							
7	11 9	6 13	18 4	13 17	23 57						☉ ☉ h							
8	11 16	6 6	18 42	14 30	28 D 46						☉ ☉ h							
9	11 23	5 58	19 19	15 44	28 46						☉ ☉ h							
10	11 30	5 51	19 57	16 58	28 56	☉ * ♂					☉ ☉ h							
11	11 37	5 43	20 34	18 12	29 13						☉ ☉ h							
12	11 44	5 36	21 12	19 26	29 36						☉ ☉ h							
13	11 51	5 28	21 49	20 40	0 w 4						☉ ☉ h							
14	11 58	5 21	22 27	21 54	0 39						☉ ☉ h							
15	12 5	5 13	23 42	23 8	1 20						☉ ☉ h							
16	12 12	5 5	23 42	24 22	2 6						☉ ☉ h							
17	12 19	4 57	24 19	25 36	2 56	☉ * ♂					☉ ☉ h							
18	12 26	4 49	24 57	26 50	3 49						☉ ☉ h							
19	12 33	4 41	25 34	28 5	4 45						☉ ☉ h							
20	12 40	4 33	26 12	29 19	5 45						☉ ☉ h							
21	12 47	4 25	26 49	0 w 33	6 48						☉ ☉ h							
22	12 54	4 17	27 26	1 47	7 53	♂ ☉ h					☉ ☉ h							
23	13 1	4 9	28 4	3 1	9 0						☉ ☉ h							
24	13 8	4 1	28 31	4 15	10 10	☉ ☉ h					☉ ☉ h							
25	13 14	3 53	29 18	5 30	11 22						☉ ☉ h							
26	13 21	3 45	29 55	6 44	12 36						☉ ☉ h							
27	13 28	3 37	0 ♄ 33	7 58	13 51	♂ ☉ h					☉ ☉ h							
28	13 35	3 29	1 10	9 12	15 7						☉ ☉ h							
29	13 41	3 21	1 48	10 27	16 25						☉ ☉ h							
30	13 48	3 13	2 25	11 41	17 44						☉ ☉ h							
31	13 55	3 5	3 8	12 55	19 5	♂ Δ ♄					☉ ☉ h							

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Le
		Lat.	Declin.	Lat.	Declin.	
	' "	° ' "	° ' "	° ' "	° ' "	°
1	16 15	0 N 14	19 S 23	0 N 26	22 S 17	0 N
4	16 15	0 14	19 24	0 26	22 16	0
7	16 14	0 14	19 25	0 25	22 14	0
10	16 14	0 14	19 26	0 25	22 12	0
13	16 13	0 14	19 26	0 25	22 11	0
16	16 12	0 14	19 26	0 25	22 9	0
19	16 11	0 14	19 27	0 25	22 7	0
22	16 11	0 14	19 28	0 25	22 5	0
25	16 10	0 14	19 28	0 24	22 3	0
28	16 10	0 14	19 29	0 24	22 1	0

D M	D W	Sidereal Time.	☉ Long.			☽ Declin			♂ Long.			♀ Lat.			♂ Decl		
H. M. S.			°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	M	20 45 11	12	m	20 3	17	S	7	14	m	7	0	N	31	16	S	8
2	Tu	20 49 8	13		20 55	16		50 27	49			0	S	45	12		
3	W	20 53 4	14		21 46	16		32 11	43			1		59			
4	Th	20 57 1	15		22 36	16		14 25	49			3		7			
5	F	21 0 57	16		23 24	15		56 10	r	1		4		5			
6	S	21 4 54	17		24 10	15		38 24	15			4		47			
7	S	21 8 50	18		24 55	15		19 8	30			5		11			
8	M	21 12 47	19		25 38	15		0 22	42			5		17			
9	Tu	21 16 44	20		26 19	14		41 6	49			5		3			
10	W	21 20 40	21		26 59	14		22 20	49			4		32			
11	Th	21 24 37	22		27 37	14		2 4	50			3		45			
12	F	21 28 34	23		28 13	13		43 18	21			2		45			
13	S	21 32 30	24		28 47	13		22 1	50			1		38			
14	S	21 36 27	25		29 19	13		2 15	6			0		26			
15	M	21 40 23	26		29 50	12		42 28	7			0	N	46			
16	Tu	21 44 20	27		30 20	12		21 10	m	54		1		55			
17	W	21 48 16	28		30 48	12		0 23	27			2		56			
18	Th	21 52 13	29		31 14	11		39 5	47			3		48			
19	F	21 56 10	0	x	31 39	11		18 17	54			4		29			
20	S	22 0 6	1		32 3	10		56 29	53			4		58			
21	S	22 4 3	2		32 25	10		35 11	m	47		5		13			
22	M	22 8 0	3		32 46	10		13 23	40			5		15			
23	Tu	22 11 57	4		33 5	9		51 5	f	35		5		4			
24	W	22 15 53	5		33 23	9		29 17	39			4		39			
25	Th	22 19 50	6		33 39	9		7 29	55			4		1			
26	F	22 23 47	7		33 54	8		44 12	w	28		3		11			
27	S	22 27 44	8		34 7	8		22 25	21			2		10			
28	S	22 31 41	9		34 19	7		59 8	m	37		1		1			

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 36	20 S 19	0 N 19	22 S 23	0 S 33	22 S 27	20 Q 8
4	0 34	20 40	0 10	22 2	0 54	22 6	19 58
7	0 32	21 2	0 2	21 42	1 13	21 35	19 49
10	0 30	21 21	0 S 6	21 14	1 30	20 51	19 39
13	0 27	21 40	0 14	20 36	1 44	19 56	19 30
16	0 25	21 57	0 21	19 52	1 55	18 48	19 20
19	0 23	22 18	0 30	19 9	2 3	17 28	19 11
22	0 20	22 27	0 37	18 15	2 7	15 56	19 1
25	0 17	22 40	0 44	17 27	2 8	14 11	18 52
28	0 14	22 52	0 51	16 20	2 4	12 14	18 42

D M	h		♄		♂		♀		Mutual Aspts.	Lunar Aspects.													
	Long.		Long.		Long.		Long.			☉	☿	♈	♄	♊	♍	♏							
1	14	w	1	2	Ω	58	3	f	40	14	w	10	20	w	27	♀ ♂ h	♈						
2	14		8	2	B	50	4		17	15		24	31		50		☐						
3	14		14	2		42	4		54	16		38	23		14			*					
4	14		20	2		35	5		31	17		53	24		39		Δ		Δ			*	
5	14		26	2		27	6		8	19		7	26		5		*		☐		Δ		
6	14		32	2		19	6		45	20		21	27		32	♀ * h						☐	
7	14		38	2		12	7		22	21		36	29		0				Δ		☐		
8	14		45	2		4	7		59	22		50	0 _m		29		☐	♂				Δ	
9	14		51	1		57	8		36	24		4	1		59	♀ ♂ ♄				*	♂		
10	14		57	1		49	9		13	25		19	3		29		Δ					Δ	
11	15		3	1		42	9		50	26		33	5		0								
12	15		9	1		35	10		27	27		47	6		33	♀ * h				♂			
13	15		15	1		28	11		3	29		2	8		7			Δ			♈		
14	15		21	1		22	11		40	0 _m		16	9		41						Δ	♂	
15	15		27	1		15	12		17	1		31	11		16	♀ ♂ ♄	♂	☐					
16	15		33	1		9	12		53	2		45	12		52	☉ ☐ h			Δ			☐	
17	15		39	1		2	13		30	4		0	14		29	♀ * ♂	*						
18	15		45	0		56	14		7	5		14	16		7					*		Δ	
19	15		51	0		50	14		43	6		29	17		45			☐		*		Δ	
20	15		57	0		44	15		20	7		43	19		25		Δ			☐			
21	16		3	0		38	15		56	8		57	21		6				*			☐	
22	16		8	0		33	16		33	10		12	22		48			♈				☐	
23	16		14	0		27	17		9	11		26	24		81		☐			Δ			
24	16		19	0		21	17		46	12		40	26		15						♈	*	
25	16		24	0		16	18		22	13		55	27		59							*	
26	16		30	0		11	18		58	15		9	29		44		*		♈				
27	16		35	0		6	19		34	16		24	1		81			*		♂			
28	16		40	0		1	20		10	17		38	3		19								

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jup
			Lat.	Declin.	Lat.	Declin.	Lat.
	'	"	°	'	°	'	°
1	16	10	0 N 14	19 S 29	0 N 24	22 S 0	0 N 44
4	16	9	0 14	19 29	0 24	21 58	0 44
7	16	8	0 14	19 29	0 24	21 57	0 44
10	16	8	0 14	19 29	0 24	21 55	0 44
13	16	7	0 14	19 29	0 24	21 54	0 44
16	16	6	0 14	19 28	0 24	21 52	0 44
19	16	5	0 14	19 28	0 24	21 51	0 44
22	16	4	0 14	19 27	0 24	21 49	0 44
25	16	3	0 14	19 26	0 23	21 48	0 44
28	16	3	0 14	19 25	0 23	21 47	0 44
31	16	2	0 14	19 24	0 23	21 46	0 44

D M	D W	Sidereal Time.	☉ Long.		☉ Declin	☾ Long.	☾ Lat.	☾ Declin
		H. M. S.	°	'	°	'	°	'
1	M	22 35 38	10	84 29	7 S 37	22 m 17	0 S 14	14 S 19
2	Tu	22 39 35	11	34 37	7 14	6 x 19	1 30	10 36
3	W	22 43 31	12	34 43	6 51	20 40	2 42	6 11
4	Th	22 47 28	13	34 48	6 28	5 r 15	3 45	1 21
5	F	22 51 24	14	34 50	6 5	19 56	4 33	3 N 35
6	S	22 55 21	15	34 50	5 41	4 s 36	5 3	8 18
7	S	22 59 17	16	34 48	5 18	19 10	5 14	12 30
8	M	23 3 14	17	34 44	4 55	3 n 32	5 4	15 54
9	Tu	23 7 11	18	34 38	4 31	17 39	4 36	18 18
10	W	23 11 7	19	34 29	4 8	1 s 39	3 53	19 34
11	Th	23 15 4	20	34 18	3 44	15 4	2 57	19 41
12	F	23 19 0	21	34 4	3 21	28 23	1 53	18 40
13	S	23 23 57	22	33 48	2 57	11 Ω 27	0 43	16 40
14	S	23 28 53	23	33 30	2 34	24 19	0 N 27	13 51
15	M	23 30 50	24	33 10	2 10	6 m 59	1 34	10 25
16	Tu	23 34 47	25	32 48	1 46	19 29	2 36	6 34
17	W	23 38 43	26	32 23	1 23	1 Δ 40	3 30	2 29
18	Th	23 42 39	27	31 57	0 59	13 59	4 13	1 S 38
19	F	23 46 36	28	31 29	0 35	26 2	4 45	5 38
20	S	23 50 33	29	30 59	0 12	7 m 59	5 3	9 24
21	S	23 54 29	0 r	30 27	0 N 12	19 52	5 9	12 46
22	M	23 58 26	1	29 53	0 36	1 f 44	5 1	15 37
23	Tu	0 2 22	2	29 17	0 59	13 38	4 40	17 49
24	W	0 6 19	3	28 40	1 23	25 39	4 7	19 16
25	Th	0 10 15	4	28 0	1 47	7 v 52	3 22	19 52
26	F	0 14 12	5	27 19	2 10	20 21	3 27	19 30
27	S	0 18 8	6	26 37	2 34	3 m 10	1 23	18 7
28	S	0 22 5	7	25 52	2 57	16 25	0 12	15 44
29	M	0 26 2	8	25 6	3 20	0 x 7	1 S 1	12 24
30	Tu	0 29 58	9	24 18	3 44	14 16	2 13	8 15
31	W	0 33 55	10	23 28	4 7	28 51	3 19	3 30

MARCH XXXI DAYS.

D M	Ma s.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 13	22 S 55	0 S 53	16 S 1	2 S 2	11 S 32	18 Ω 39
4	0 10	23 6	0 58	14 53	1 53	9 19	18 29
7	0 7	23 14	1 4	13 46	1 39	6 54	18 20
10	0 3	23 21	1 9	12 32	1 20	4 19	18 10
13	0 0	23 27	1 14	11 17	0 56	1 36	18 1
16	0 S 4	23 32	1 18	10 3	0 27	1 N 13	17 51
19	0 7	23 35	1 21	8 38	0 N 6	4 3	17 42
22	0 11	23 37	1 23	7 15	0 42	6 47	17 32
25	0 15	23 38	1 26	5 50	1 18	9 20	17 23
28	0 19	23 38	1 28	4 22	1 53	11 36	17 13
31	0 24	23 37	1 29	2 54	2 24	13 28	17 4

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /	° /							
1	16 W 45	29 57	20 46	18 53	5 8				☐			*	♉
2	16 50	29 53	21 22	20 7	6 57			♉					♉
3	16 55	29 49	21 58	21 21	8 48			Δ	*			☐	
4	17 0	29 45	22 34	22 36	10 40	♀ * ♂				Δ			
5	17 5	29 41	23 10	23 50	12 33					☐		Δ	*
6	17 10	29 37	23 46	25 4	14 27	♀ * ♈					☐		
7	17 14	29 33	24 22	26 19	16 22	☉ ♂ ♉		*		Δ			*
8	17 19	29 30	24 58	27 33	18 17	♀ ☐ ♈		♉			*		☐
9	17 23	29 27	25 33	28 47	20 14	☉ * ♈		☐				♉	☐
10	17 28	29 24	26 9	0 22	22 12							♉	Δ
11	17 32	29 21	26 44	1 16	24 10			Δ		♉			
12	17 37	29 18	27 20	2 30	26 9	♀ ☐ ♂			Δ		♉		Δ
13	17 41	29 15	27 55	3 45	28 8	♀ Δ ♈							
14	17 45	29 13	28 30	4 59	0 7	♀ Δ ♈			☐			Δ	
15	17 49	29 11	29 6	6 13	2 6							♉	
16	17 53	29 9	29 41	7 28	4 6					Δ			
17	17 57	29 7	0 17	8 42	6 5	♈ * ♈		♉	*		*	☐	♉
18	18 1	29 5	0 52	9 56	8 2	☉ Δ ♈				☐			
19	18 5	29 4	1 27	11 11	9 58						☐	*	
20	18 9	29 3	2 12	12 25	11 53	☉ Δ ♈							Δ
21	18 12	29 3	3 37	13 39	13 46					*			
22	18 16	29 2	3 11	14 54	15 37			Δ	♉		Δ		
23	18 19	29 2	3 46	16 8	17 25								☐ Δ
24	18 23	29 1	4 21	17 22	19 9	♀ ☐ ♈						♉	
25	18 26	29 1	4 55	18 37	20 49	♀ * ♈		☐				♉	
26	18 29	29 D 1	5 30	19 51	22 25	☉ ☐ ♂				♉		*	☐
27	18 32	29 1	6 42	21 5	23 57			*	*		♉		
28	18 35	29 2	6 38	22 19	25 26								
29	18 38	29 2	7 12	23 34	26 49				☐	*		*	*
30	18 41	29 3	7 46	24 48	28 5					*		*	
31	18 44	29 4	8 20	26 2	29 15	♀ ☐ ♈		Δ		Δ		♉	

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		J
			Lat.	Declin.	Lat.	Declin.	Lat.
1	16	1	0 N 14	19 S 24	0 N 23	21 S 46	0 N 4
4	16	0	0 14	19 23	0 23	21 45	0 4
7	15	59	0 14	19 22	0 23	21 44	0 4
10	15	58	0 14	19 21	0 23	21 43	0 4
13	15	58	0 14	19 20	0 23	21 43	0 4
16	15	57	0 14	19 18	0 23	21 43	0 4
19	15	56	0 14	19 17	0 22	21 42	0 4
22	15	56	0 14	19 16	0 22	21 42	0 4
25	15	55	0 14	19 14	0 22	21 42	0 4
28	15	54	0 14	19 12	0 22	21 42	0 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Decl
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	0 37 51	11 7 22 37	4 N 30	13 7 46	4 S 12	1 N 3
2	F	0 41 48	12 21 43	4 53 28 51	4 48 6 3		
3	S	0 45 44	13 20 46	5 16 13 8 57	5 5 11 1		
4	S	0 49 41	14 19 48	5 39 28 54	5 0 15		
5	M	0 53 37	15 18 48	6 2 13 11 34	4 36 17 5		
6	Tu	0 57 34	16 17 45	6 25 27 52	3 54 19 3		
7	W	1 1 31	17 16 39	6 47 11 52 46	3 1 19 5		
8	Th	1 5 27	18 15 31	7 10 25 17	1 57 19 1		
9	F	1 9 24	19 14 21	7 32 8 26	0 50 17 2		
10	S	1 13 20	20 13 9	7 55 21 17	0 N 18 14 4		
11	S	1 17 17	21 11 55	8 17 3 4 53	1 25 11 2		
12	M	1 21 13	22 10 38	8 39 16 17	2 25 7 3		
13	Tu	1 25 10	23 9 19	9 0 28 31	3 19 3 3		
14	W	1 29 6	24 7 58	9 22 10 39	4 2 0 8 3		
15	Th	1 33 3	25 6 35	9 44 22 40	4 34 4 3		
16	F	1 36 59	26 5 10	10 5 4 37	4 54 8 2		
17	S	1 40 56	27 3 42	10 26 16 31	5 1 11 5		
18	S	1 44 53	28 2 14	10 47 28 23	4 55 15		
19	M	1 48 49	29 0 43	11 8 10 7 16	4 36 17 2		
20	Tu	1 52 46	29 59 11	11 28 22 11	4 5 19		
21	W	1 56 42	0 57 37	11 49 4 12	3 23 20		
22	Th	2 0 39	1 56 2	12 9 16 23	2 31 19 5		
23	F	2 4 35	2 54 25	12 30 28 49	1 31 18 5		
24	S	2 8 32	3 52 46	12 49 11 34	0 25 16 5		
25	S	2 12 28	4 51 0	13 9 24 42	0 S 45 14		
26	M	2 16 24	5 49 25	13 29 8 19	1 54 10 1		
27	Tu	2 20 20	6 47 42	13 48 12 24	2 59 5 4		
28	W	2 24 16	7 45 58	14 7 6 58	3 54 0 4		
29	Th	2 28 12	8 44 12	14 26 21 56	4 36 4 N 1		
30	F	2 32 8	9 42 24	14 44 7 8 10	4 57 9 1		

APRIL XXX DAYS.

Mars.			Venus.		Mercury.		Moon's
Lat.	Declin.		Lat.	Declin.	Lat.	Declin.	Node.
°	'	"	°	'	°	'	°
26	23	N 36	18	29	2	N 33	17 2
31	28	33	1	29	2	54	16 51
36	23	29	1	28	3	6	16 42
41	23	25	1	27	3	7	16 32
46	23	20	1	26	2	55	16 23
52	23	15	1	24	2	29	16 13
58	23	7	1	21	1	52	16 4
5	23	0	1	18	1	6	15 54
11	22	52	1	14	0	16	15 45
17	22	40	1	10	0	35	15 35

Long.	♂		♀		♀	Mutual Aspts.	Lunar Aspects.											
Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♂	♀	♂	♀	♂	♀				
47	29	5	8	54	27	16	0	20		♂		☐		☐				
50	29	6	9	27	28	30	1	21					☐				♂	
52	29	8	10	1	29	44	2	14	♀	Δ	♂			☐	Δ		♂	
55	29	10	10	34	0	58	2	58			♂			*		*		
57	29	12	11	8	2	12	3	36			*							
50	29	14	11	41	3	26	4	9									☐	*
1	29	16	12	14	4	41	4	36			☐					♂		
3	29	18	12	47	5	55	4	56				Δ	♂	♂		Δ		
5	29	21	13	20	7	9	5	9	☉	☐	♂							☐
7	29	24	13	53	8	23	5	14			Δ	☐						
9	29	27	14	26	9	87	5	13										Δ
11	29	30	14	59	10	51	5	7					Δ			Δ		
12	29	33	15	32	12	6	4	55				*			*			
14	29	37	16	4	13	20	4	37							☐	♂		
15	29	41	16	36	14	34	4	14			♂		☐					
16	29	45	17	8	15	48	3	47						☐				♂
17	29	49	17	40	17	2	3	16					*		*			
18	29	53	18	12	18	16	2	41			♂			Δ		*		
19	29	57	18	43	19	30	2	2	♀	☐	♂							
20	0	2	19	14	20	44	1	22	☉	☐	♂						Δ	
21	0	7	19	45	21	58	0	42	☉	♂	♀	Δ						Δ
21	0	12	20	16	23	12	0	1	♂	♂	♂		♂		♂			
22	0	17	20	47	24	28	29	21	♀	Δ	♂	☐	*		♂		☐	☐
23	0	22	21	18	25	40	28	41										
23	0	27	21	49	26	54	28	2				☐				*	*	
24	0	33	22	19	28	8	27	26	♀	♂	♀	*						
24	0	38	22	49	29	22	26	53					Δ	*		*		
24	0	44	23	19	0	36	26	24							Δ			
24	0	50	23	49	1	50	25	58					☐		☐		♂	♂
24	0	56	24	19	3	4	25	37			♂			☐		♂		

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Ju
		Lat.	Declin.	Lat.	Declin.	
	' "	' "	' "	' "	' "	' "
1	15 54	0 N 14	19 S 11	0 N 22	21 S 42	0 N 4
4	15 54	0 14	19 9	0 22	21 42	0 43
7	15 53	0 14	19 7	0 22	21 43	0 43
10	15 52	0 14	19 5	0 22	21 43	0 43
13	15 51	0 14	19 3	0 21	21 44	0 42
16	15 51	0 14	19 2	0 21	21 45	0 42
19	15 50	0 14	19 0	0 21	21 46	0 42
22	15 50	0 14	18 59	0 21	21 47	0 42
25	15 49	0 14	18 57	0 21	21 48	0 42
28	15 49	0 14	18 56	0 21	21 49	0 42
31	15 48	0 14	18 54	0 21	21 50	0 42

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.
		H. M. S.	' "	' "	' "	' "	' "
1	S	2 36 4	10 40 35	15 N 2	22 30	48 58	13 N 3
2	S	2 40 1	11 38 44	15 21	7 14 3	4 38	17
3	M	2 43 57	12 36 51	15 38	22 39	3 59	19 1
4	Tu	2 47 54	13 34 56	15 56	7 11	3 62	0 1
5	W	2 51 51	14 33 0	16 13	21 16	2 21	9 4
6	Th	2 55 47	15 31 1	16 30	4 52	0 54	18 1
7	F	2 59 44	16 29 1	16 47	18 8	0 N 16	15 4
8	S	3 3 40	17 26 58	17 3	0 50	1 23	12 4
9	S	3 7 37	18 24 54	17 20	13 20	2 24	8 4
10	M	3 11 33	19 22 48	17 35	25 36	3 17	4 4
11	Tu	3 15 30	20 20 40	17 51	7 42	4 0	0 3
12	W	3 19 26	21 18 30	18 6	19 41	4 32	38 3
13	Th	3 23 23	22 16 19	18 21	1 36	4 52	7 2
14	F	3 27 20	23 14 7	18 36	13 30	5 0	11
15	S	3 31 16	24 11 52	18 50	25 22	4 54	14 2
16	S	3 35 13	25 9 37	19 4	7 16	4 36	17
17	M	3 39 9	26 7 20	19 18	19 11	4 5	18 5
18	Tu	3 43 6	27 5 2	19 32	1 11	3 23	20 1
19	W	3 47 2	28 2 42	19 45	13 18	2 32	20 1
20	Th	3 50 59	29 0 22	19 57	25 33	1 33	19 3
21	F	3 54 55	29 58 0	20 10	8 2	0 28	17 5
22	S	3 58 52	0 55 38	20 22	20 47	0 S 40	15 1
23	S	4 2 49	1 53 15	20 34	3 52	1 47	11 4
24	M	4 6 45	2 50 51	20 45	17 22	2 51	7 3
25	Tu	4 10 42	3 48 27	20 56	1 19	3 46	2 5
26	W	4 14 38	4 46 1	21 7	15 43	4 29	2 N
27	Th	4 18 35	5 43 35	21 17	0 31	4 56	7
28	F	4 22 31	6 41 7	21 27	15 37	5 3	11 4
29	S	4 26 28	7 38 39	21 36	0 53	4 48	15 3
30	S	4 30 24	8 36 10	21 46	16 6	4 13	18 3
31	M	4 34 21	9 33 40	21 54	1 57	3 21	20

MAY XXXI DAYS.

Mars.			Venus.		Mercury.		Moon's Node.								
t.	Declin.		Lat.	Declin.	Lat.	Declin.									
'	°	'	°	'	°	'	°	'							
25	22	8 35	1 S	5	11 N	56	18	25							
32	22	26	1	0	13	12	2	2							
40	22	17	0	55	14	29	2	35							
48	22	6	0	49	15	37	2	59							
56	21	59	0	43	16	49	3	14							
5	21	55	0	37	17	50	3	23							
14	21	43	0	30	18	53	3	24							
24	21	36	0	23	19	46	3	18							
34	21	29	0	16	20	40	3	7							
45	21	22	0	9	21	23	2	50							
57	21	18	0	2	22	4	2	28							
							8	20							
							9	15							
							10	24							
							11	45							
							13	15							
							14	52							
							15	2							
							15	16							
							15	6							
							14	57							
							14	47							
							14	38							
							14	28							
							14	19							
							14	9							
							14	0							
							13	50							
g.	Long.	Long.	Long.	Long.	Mutual Aspts.	Lunar Aspects.									
'	°	'	°	'	°	'	☉	☿	♈	♉	♊	♋	♌	♍	♎
23	1	2	24	48	4	18	25	+	20						
23	1	8	25	17	5	32	25	R	5						
22	1	15	25	46	6	46	24		57						
22	1	22	26	14	8	0	24	D	56						
21	1	29	26	43	9	14	24		59	♂	*	☿			
20	1	36	27	12	10	28	25		5				♂		☐
19	1	43	27	40	11	41	25		15	☐					
18	1	50	28	7	12	55	25		30		☐				Δ
17	1	58	28	34	14	9	25		50	Δ		Δ		Δ	
16	2	5	29	1	15	23	26	14	☉	Δ	♂			Δ	
15	2	13	29	23	16	37	26	42					*		
14	2	20	29	55	17	51	27	14				☐			
13	2	28	0	21	19	4	27	51	♀	Δ	♂		☐	☐	♂
11	2	36	0	47	20	18	28	31				*			
10	2	44	1	12	21	32	29	15		♂	♂				♂
8	2	53	1	38	22	46	0	8	3				Δ	*	
7	3	1	2	3	24	0	0	54	☉	♂	☿				
5	3	9	2	28	25	14	1	49	♀	☐	♂				Δ
3	3	18	2	53	26	27	2	47	♀	♂	☿		♂		
1	3	27	3	18	27	41	3	48	♀	☐	♂	Δ	*		Δ
59	3	36	3	42	28	55	4	52	♂	♂	♂			♂	♂
57	3	45	4	5	0	9	5	59				☐			
55	3	54	4	28	1	23	7	9				☐			☐
53	4	3	4	50	2	37	8	22	♀	*	♂		*		
50	4	12	5	11	3	50	9	37	☉	♂	♀	*	Δ		Δ
48	4	21	5	32	5	4	10	56	☉	*	♂		☐		
45	4	31	5	53	6	18	12	17	☉	Δ	♂			☐	☐
42	4	40	6	14	7	32	13	41					Δ		
39	4	50	6	35	8	45	15	7				♂	♂	*	Δ
36	4	59	6	55	9	59	16	36							♂
33	5	9	7	15	11	13	18	8	♂	Δ	♂				



RAPHAEL'S
TRONOMICAL EPHEMERIS
OF THE
PLANET'S PLACES

For 1813.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR,
1883.

Price One Shilling.

JULY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Ju Lat.
		Lat.	Declin.	Lat.	Declin.	
	' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 45	0 N 14	18 S 39	0 N 18	22 S 8	0 N 42
4	15 45	0 14	18 38	0 18	22 10	0 42
7	15 45	0 14	18 37	0 18	22 12	0 42
10	15 46	0 13	18 36	0 18	22 14	0 42
13	15 46	0 13	18 36	0 17	22 15	0 42
16	15 46	0 13	18 35	0 17	22 17	0 42
19	15 46	0 13	18 35	0 17	22 19	0 43
22	15 46	0 13	18 34	0 16	22 21	0 43
25	15 47	0 13	18 34	0 16	22 22	0 43
28	15 47	0 13	18 34	0 16	22 24	0 43
31	15 47	0 13	18 33	0 16	22 26	0 43

D M	D W	Sideres' Time.	☉ Long.		☉ Declin	☽ Long.	☽ Lat.	☽ Declin
			° ' "	° ' "		° ' "	° ' "	° ' "
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	6 36 34	9 ⁵⁵ 9 42	23 N 9	22 Q 0	1 N 1	15 N	8
2	F	6 40 31	10 6 55	23 5	5 ^m 20	2 10	11 3	3
3	S	6 44 27	11 4 8	23 0	18 16	3 11	7 3	2
4	S	6 48 24	12 1 21	22 55	0 ⁵¹ 4	0 3	2 3	2
5	M	6 52 21	12 58 38	22 50	13 8	4 38	0 8	5
6	Tu	6 56 17	13 55 45	22 44	25 13	5 2	5	
7	W	7 0 14	14 52 58	22 38	7 ^m 9	5 13	8 5	
8	Th	7 4 10	15 50 9	22 31	19 2	5 10	12 3	
9	F	7 8 7	16 47 21	22 24	0 ^f 55	4 54	15 3	
10	S	7 12 3	17 44 38	22 17	12 52	4 26	17 5	
11	S	7 16 0	18 41 45	22 9	24 54	3 45	19 3	
12	M	7 19 56	19 38 57	22 1	7 ^m 6	2 54	20 2	
13	Tu	7 23 53	20 36 10	21 53	19 27	1 53	20 1	
14	W	7 27 50	21 33 22	21 44	2 ^m 0	0 47	18 5	
15	Th	7 31 46	22 30 35	21 35	14 44	0 8	23 16	
16	F	7 35 43	23 27 49	21 25	27 42	1 34	13 4	
17	S	7 39 39	24 25 3	21 15	10 ^x 53	2 40	9 5	
18	S	7 43 36	25 22 18	21 5	24 18	3 37	5 3	
19	M	7 47 32	26 19 33	20 54	7 ^r 57	4 27	0 5	
20	Tu	7 51 29	27 16 50	20 43	21 51	5 0	3 N 5	
21	W	7 55 25	28 14 8	20 32	5 ^x 58	5 15	8 3	
22	Th	7 59 21	29 11 26	20 20	20 17	5 12	12 4	
23	F	8 3 19	0 Q 8 46	20 8	4 ^Π 44	4 49	16 2	
24	S	8 7 15	1 6 7	19 56	19 17	4 7	18 5	
25	S	8 11 12	2 3 28	19 43	3 ⁵ 49	3 9	20 1	
26	M	8 15 8	3 0 51	19 30	18 15	2 0	20 14	
27	Tu	8 19 5	3 58 14	19 17	2 Q 29	0 44	18 54	
28	W	8 23 1	4 55 38	19 3	16 27	0 N 33	16 2	
29	Th	8 26 58	5 53 3	18 49	0 ^m 5	1 47	13 7	
30	F	8 30 54	6 50 28	18 35	13 22	2 52	9 12	
31	S	8 34 51	7 47 54	18 20	26 18	3 48	4 57	

JULY XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.	
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.		
°	'	°	'	°	'	°	'
58 5	21 54	1 N 5	23 N 9	1 N 52	23 N 47	12 Q 12	
5 18	22 9	1 10	22 37	1 52	22 48	12 2	
5 31	22 24	1 14	22 3	1 47	21 33	11 53	
5 44	22 39	1 18	21 21	1 35	20 7	11 43	
5 55	22 59	1 22	20 35	1 20	18 32	11 34	
6	23 18	1 25	19 40	0 59	16 51	11 24	
16	23 37	1 27	18 46	0 36	15 7	11 15	
24	23 56	1 28	17 40	0 8	13 21	11 5	
31	24 16	1 30	16 38	0 8 21	11 37	10 56	
36	24 35	1 30	15 26	0 54	9 55	10 46	
41	24 50	1 31	14 3	1 27	8 19	10 37	

h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
°	'	"	°	'	"	°	'	"	'	"	'	"	'
vr 36	10 Q 54	12 m 38	19 5 18	20 5 10									
R 32	11 6	12 R 37	20 33 22	10			*	☐					
28	11 18	12 35 21	47 24	7	♌ Δ ♏		*	Δ				*	
23	11 30	12 33 23	0 26	1									*
19	11 42	12 30 24	13 27	54	♀ Δ ♏		☐		☐	*	Δ		
15	11 54	12 26 25	27 29	45								☐	☐
10	12 7	12 22 26	40 1 Q 35		♌ ♌ ♏		Δ	♌	*		☐	☐	
6	12 19	12 17 27	54 3 23		☉ ♌ ♏								Δ
1	12 32	12 11 29	8 5 8									Δ	Δ
57	12 44	12 4 0 Q 21	6 51							Δ	*		
52	12 57	11 57 1	35 8 32										
48	13 9	11 49 2	49 10 11										
43	13 22	11 40 4	2 11 49		♌ ♌ ♌		♌	*	♌				
39	13 34	11 30 5	16 13 24		♌ ♌ ♏							♌	♌
34	13 47	11 19 6	30 14 57							♌	♌		♌
30	14 0	11 8 7	43 16 29					☐					
25	14 12	10 57 8	57 17 59	☉ Δ ♏			Δ	Δ	*				
21	14 25	10 46 10	11 19 27										
17	14 38	10 35 11	24 20 52	♀ ♌ ♌						Δ	*	Δ	
12	14 51	10 23 12	38 22 15						☐				Δ
8	15 4	10 10 13	51 23 35	♌ ☐ ♏			☐					☐	☐
4	15 17	9 56 15	5 24 56	♀ ♌ ♏			*		♌	Δ	☐		☐
0	15 30	9 41 16	18 26 13									Δ	
56	15 43	9 26 17	32 27 28								*	*	
52	15 56	9 10 18	45 28 40										*
48	16 9	8 55 19	59 29 50					♌	Δ	♌			
44	16 22	8 39 21	13 0 m 58									♌	
40	16 35	8 23 22	26 2 3								♌		♌
36	16 48	8 7 23	40 3 5	♀ ☐ ♏				☐					♌
32	17 1	7 51 24	54 4 5						Δ				
28	17 14	7 35 26	8 5 2	☉ ♌ ♌			*						

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jup		
		Lat.	Declin.	Lat.	Declin.	Lat.		
	'	"	°	'	°	'	°	'
1	15	47	0 N 13	18 S 83	0 N 15	22 S 26	0 N 43	
4	15	47	0 13	18 33	0 15	22 28	0 43	
7	15	48	0 13	18 33	0 15	22 29	0 44	
10	15	48	0 13	18 34	0 15	22 30	0 44	
13	15	49	0 13	18 34	0 14	22 31	0 44	
16	15	49	0 13	18 35	0 14	22 32	0 44	
19	15	50	0 13	18 35	0 13	22 34	0 44	
22	15	50	0 13	18 36	0 13	22 35	0 44	
25	15	51	0 13	18 37	0 13	22 36	0 45	
28	15	51	0 13	18 38	0 13	22 37	0 45	
31	15	52	0 13	18 39	0 12	22 38	0 45	

D	D	Sidereal	☉			☉			♂			♂			♂		
M	W	Time.	Long.			Declin.			Long.			Lat.			Declin.		
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	♂	8 38 47	8	Q	45 21	18	N	5	8	♄	54	4	N	30	0	N	37
2	M	8 42 44	9	42	48	17	50	21 13	4	59	3	S	39				
3	Tu	8 46 41	10	40	16	17	35	8 m 19	5	15	7	42					
4	W	8 50 37	11	37	45	17	19	15 16	5	16	11	23					
5	Th	8 54 34	12	35	15	17	3	27 10	5	4	14	37					
6	F	8 58 30	13	32	45	16	46	9 ♄ 4	4	39	17	14					
7	S	9 2 27	14	30	16	16	30	21 2	4	1	19	9					
8	♂	9 6 23	15	27	48	16	13	3 w 9	3	13	20	13					
9	M	9 10 20	16	25	21	15	56	15 28	2	15	20	20					
10	Tu	9 14 16	17	22	55	15	38	28 1	1	9	19	27					
11	W	9 18 13	18	20	29	15	21	10 m 49	0	S	2	17 34					
12	Th	9 22 10	19	18	6	15	3	23 55	1	13	14	43					
13	F	9 26 6	20	15	43	14	45	7 x 16	2	23	11	3					
14	S	9 30 3	21	13	21	14	26	20 52	3	25	6	46					
15	♂	9 33 59	22	11	1	14	8	4 r 40	4	17	2	4					
16	M	9 37 56	23	8	46	13	49	18 39	4	54	2	N 47					
17	Tu	9 41 52	24	6	26	13	30	2 45	5	13	7	32					
18	W	9 45 49	25	4	11	13	11	16 56	5	14	11	53					
19	Th	9 49 45	26	1	58	12	51	1 10	4	56	15	35					
20	F	9 53 42	26	59	47	12	32	15 23	4	19	18	22					
21	S	9 57 39	27	57	37	12	12	29 33	3	27	20	1					
22	♂	10 1 35	28	55	29	11	50	13 39	2	23	20	24					
23	M	10 5 31	29	53	23	11	31	27 37	1	10	19	30					
24	Tu	10 9 28	0 m 51	18	11	11	11	Q 25	0	N	5	17 27					
25	W	10 13 25	1	49	16	10	59	25 1	1	19	14	26					
26	Th	10 17 21	2	47	15	10	29	8 m 22	2	27	10	43					
27	F	10 21 18	3	45	15	10	8	21 27	3	26	6	33					
28	S	10 25 14	4	43	17	9	47	4 16	4	14	2	11					
29	♂	10 29 11	5	41	20	9	26	16 48	4	48	2	S 11					
30	M	10 33 7	6	39	25	9	5	29 6	5	7	6	22					
31	Tu	10 37 4	7	37	31	8	43	11 m 12	5	13	10	14					

AUGUST XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
'	°	'	°	'	°	'
8 42	24 8 56	1 N 30	13 N 49	1 8 39	7 N 48	10 m 33
43	25 9	1 29	12 36	2 14	6 23	10 23
44	25 22	1 38	11 10	2 49	5 9	10 14
42	25 30	1 26	9 45	3 23	4 10	10 4
38	25 38	1 23	8 20	3 54	3 31	9 55
33	25 42	1 20	6 50	4 19	3 15	9 45
27	25 44	1 16	5 22	4 35	3 27	9 36
19	25 42	1 11	3 50	4 38	4 8	9 26
11	25 38	1 6	2 19	4 25	5 16	9 17
2	25 30	1 0	0 45	3 55	6 44	9 7
52	25 20	0 54	0 8 46	3 10	8 18	8 58

h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
							☉	☿	♈	♉	♊	♋
'	°	°	°	°	°							
24 17 27	7 m 19	27 21	5 m 57			*						
20 17 40	7 B 3 28	35 6 49							*			
16 17 53	6 47 29	48 7 36								☐	*	*
13 18 6	6 31 1 m	2 8 19				☐		*	☐			
9 18 19	6 15 2	15 8 59					♈				☐	
5 18 32	5 59 3	29 9 36					Δ				*	☐
2 18 45	5 44 4	42 10 9								Δ		
58 18 58	5 29 5	56 10 38									Δ	
55 19 11	5 14 7	9 11 2						♈				Δ
51 19 24	5 0 8	23 11 22					*					
48 19 37	4 46 9	36 11 37									♈	
45 19 50	4 33 10	50 11 47					♈	☐		♈		
42 20 4	4 20 12	3 11 52	☉ ☉ ♈					*			♈	♈
39 20 17	4 8 13	16 11 52	♀ Δ ♈					Δ				
36 20 30	3 56 14	30 11 46								*		
33 20 43	3 45 15	43 11 38					Δ		☐	Δ		
30 20 56	3 34 16	57 11 14	☉ ☐ ♈					♈	Δ	☐	☐	Δ
27 21 9	3 24 18	10 10 50					☐				Δ	Δ
25 21 23	3 15 19	23 10 22								*	Δ	
22 21 36	3 6 20	37 9 48								*	☐	☐
20 21 49	2 58 21	50 9 9					*					
17 22 2	2 50 23	4 8 24	♀ * ♈					♈				*
15 22 15	2 43 24	17 7 36					Δ			♈	*	
12 22 28	2 37 25	31 6 45										
10 22 41	2 32 26	44 5 51					☐		♈			
8 22 54	2 27 27	57 4 56					♈		Δ			♈
6 23 7	2 23 29	11 4 1	☉ ☉ ♈					*				
4 23 20	2 20 0	24 3 5									Δ	♈
3 23 33	2 18 1	37 2 11							☐			
1 23 46	2 D 18	2 50 1	♀ Δ ♈						*	☐		*
59 23 59	2 19 4	4 0 37					*		*			

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jup
			Lat.	Declin.	Lat.	Declin.	Lat.
	'	"	°	'	°	'	°
1	15	54	0 N 12	18 S 40	0 N 12	22 S 38'	0 N 46
4	15	54	0 12	18 41	0 12	22 39	0 46
7	15	55	0 12	18 43	0 12	22 39	0 46
10	15	56	0 12	18 44	0 12	22 40	0 46
18	15	57	0 12	18 45	0 11	22 40	0 47
16	15	57	0 12	18 46	0 11	22 41	0 47
19	15	58	0 12	18 48	0 10	22 41	0 48
22	15	59	0 12	18 50	0 10	22 41	0 48
25	16	0	0 12	18 52	0 10	22 41	0 48
28	16	0	0 12	18 54	0 10	22 41	0 48

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	10 41 2	8 ^m 35 38	8 N 21	23 ^m 9	5 N 5	13 S 39
2	Th	10 44 57	9 33 47	7 59	5 ^f 1	4 44	16 30
3	F	10 48 54	10 31 58	7 37	16 54	4 11	18 39
4	S	10 52 50	11 30 9	7 15	28 52	3 27	20 1
5	S	10 56 47	12 28 23	6 53	10 ^w 59	2 33	20 28
6	M	11 0 43	13 26 38	6 31	23 21	1 31	19 57
7	Tu	11 4 40	14 24 54	6 8	6 ^m 1	0 23	18 25
8	W	11 8 37	15 23 11	5 46	19 2	0 8	18 54
9	Th	11 12 33	16 21 31	5 23	2 ^x 24	1 58	12 28
10	F	11 16 30	17 19 53	5 1	16 8	3 3	8 17
11	S	11 20 26	18 18 16	4 38	0 ^r 11	3 58	3 34
12	S	11 24 23	19 16 41	4 15	14 28	4 40	1 N 24
13	M	11 28 19	20 15 7	3 52	28 53	5 4	6 21
14	Tu	11 32 16	21 13 37	3 29	13 ^x 22	5 9	10 57
15	W	11 36 12	22 12 8	3 6	27 48	4 54	14 54
16	Th	11 40 9	23 10 42	2 43	12 ^π 8	4 21	17 57
17	F	11 44 6	24 9 18	2 19	26 16	3 33	19 52
18	S	11 48 2	25 7 56	1 56	10 ^σ 14	2 32	20 32
19	S	11 51 59	26 6 37	1 33	24 0	1 24	19 57
20	M	11 55 55	27 5 20	1 10	7 ^Ω 34	0 11	18 13
21	Tu	11 59 52	28 4 5	0 46	20 57	1 N 37	15 29
22	W	12 3 48	29 2 52	0 23	4 ^m 9	2 8	11 59
23	Th	12 7 45	0 ^Δ 1 42	0 8	1 ⁷ 9	3 8	7 58
24	F	12 11 41	1 0 33	0 24	29 57	3 57	3 38
25	S	12 15 38	1 59 27	0 48	12 ^Δ 33	4 33	0 S 46
26	S	12 19 34	2 58 22	1 11	24 56	4 56	5 4
27	M	12 23 31	3 57 19	1 34	7 ^m 9	5 5	9 6
28	Tu	12 27 28	4 56 19	1 58	19 11	5 0	12 43
29	W	12 31 24	5 55 20	2 21	1 ^f 5	4 42	15 48
30	Th	12 35 21	6 54 23	2 45	12 56	4 12	18 12

SEPTEMBER XXX DAYS.

Mars.			Venus.			Mercury.			Moon's		
Lat.	Declin.		Lat.	Declin.		Lat.	Declin.		Node.		
°	'	''	°	'	''	°	'	''	°	'	''
S 48	25	18	0 N 52	1	18	2 S 52	8	N 49	8	55	
37	25	5	0 45	2	52	1 56	10	8	8	45	
26	24	51	0 38	4	24	0 59	11	4	8	36	
15	24	34	0 30	5	56	0 7	11	26	8	26	
3	24	17	0 22	7	27	0 N 37	11	13	8	17	
51	23	56	0 12	8	56	1 11	10	25	8	7	
39	23	36	0 4	10	24	1 34	9	8	7	58	
27	23	11	0 S 5	11	50	1 48	7	26	7	48	
16	22	48	0 14	13	14	1 52	5	26	7	39	
4	22	18	0 23	14	35	1 50	3	16	7	29	
h	☿	♂	♀	♂	♀	Mutual	Lunar Aspects.				
Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♂	♀	♂
°	°	°	°	°	°		°	°	°	°	°
w 58	24	12	2 m 20	5	17	29	☉ 57	♂	☐		
R 56	24	24	2 22	6	30	29	☐ 20	☐		*	*
55	24	37	2 25	7	43	28	54				☐
54	24	50	2 28	8	56	28	38		Δ		Δ
53	25	3	2 32	10	9	28	30	☉ * h	Δ	♂	☐
52	25	16	2 37	11	22	28	D 28		*		
51	25	29	2 43	12	35	28	33	♀ ☐ h			♂
50	25	41	2 50	13	48	28	48		☐	♂	Δ
49	25	54	2 57	15	1	29	14				♂
48	26	7	3 5	16	14	29	50		♂	*	
47	26	20	3 13	17	27	0 m 34			Δ		*
46	26	33	3 22	18	40	1	25			☐	♂
46	26	46	3 32	19	53	2	23			☐	Δ
45	26	58	3 42	21	6	3	28			Δ	
45	27	11	3 53	22	19	4	40		Δ	♂	☐
D 45	27	23	4 5	23	32	5	59				
45	27	36	4 18	24	45	7	23	☉ * h	☐		*
45	27	48	4 32	25	58	8	52			♂	Δ
46	28	0	4 48	27	10	10	25		*	Δ	☐
46	28	13	5 4	28	23	12	1	♀ Δ h			♂
46	28	25	5 20	29	36	13	40	♀ * ♀	☐		
47	28	37	5 36	0 m 49	15	21					♂
47	28	49	5 53	2	2	17	5			Δ	*
48	29	1	6 10	3	14	18	50		♂	*	
49	29	13	6 28	4	27	20	37			☐	Δ
50	29	25	6 47	5	40	22	24				
51	29	37	7 6	6	53	24	12	☿ * h		*	☐
52	29	48	7 26	8	5	26	1	♀ ☐ ♂	♂		♂
53	0 m 0	7	46	9	18	27	50		*		
54	0	12	8 7	10	31	29	38				*

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter	
			Lat.	Declin.	Lat.	Declin.	Lat.	De
1	16	1	0 N 12	18 S 56	0 N 9	22 S 41	0 N 49	12
4	16	1	0 12	18 58	0 9	22 41	0 49	11
7	16	2	0 12	19 1	0 9	22 41	0 50	11
10	16	3	0 12	19 3	0 9	22 40	0 50	11
13	16	4	0 12	19 5	0 8	22 40	0 51	11
16	16	5	0 12	19 7	0 8	22 39	0 51	11
19	16	5	0 12	19 9	0 7	22 39	0 52	10
22	16	6	0 11	19 11	0 7	22 38	0 52	10
25	16	7	0 11	19 13	0 7	22 37	0 53	10
28	16	7	0 11	19 15	0 7	22 36	0 53	10
31	16	8	0 11	19 18	0 7	22 35	0 54	10

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin	Lo
		H. M. S.	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "	°
1	F	12 39 17	7 53 28	38 8	24 46	3 N 32	19 S 50	25
2	S	12 43 14	8 52 35	3 31	6 41	2 41	20 36	25
3	S	12 47 10	9 51 43	3 55	18 46	1 43	20 26	25
4	M	12 51 7	10 50 53	4 18	1 6	0 39	19 18	25
5	Tu	12 55 3	11 50 5	4 41	13 45	0 8	28 17	25
6	W	12 59 0	12 49 18	5 4	26 49	1 36	14 5	25
7	Th	13 2 56	13 48 34	5 27	10 20	2 41	10 11	25
8	F	13 6 53	14 47 51	5 50	24 18	3 38	5 36	25
9	S	13 10 50	15 47 10	6 13	8 40	4 23	0 36	25
10	S	13 14 46	16 46 31	6 36	23 22	4 53	4 N 38	25
11	M	13 18 43	17 45 54	6 59	8 15	5 2	9 30	25
12	Tu	13 22 39	18 45 20	7 21	23 10	4 51	13 53	25
13	W	13 26 36	19 44 48	7 44	7 15	4 21	17 22	25
14	Th	13 30 32	20 44 18	8 6	22 34	3 34	19 42	26
15	F	13 34 29	21 43 50	8 29	6 52	2 34	20 43	26
16	S	13 38 25	22 43 25	8 51	20 49	1 26	20 25	26
17	S	13 42 22	23 43 2	9 13	4 28	0 15	18 55	26
18	M	13 46 19	24 42 42	9 35	17 49	0 N 55	16 29	26
19	Tu	13 50 15	25 42 24	9 57	0 55	2 1	13 3	26
20	W	13 54 12	26 42 9	10 18	13 47	3 0	9 9	26
21	Th	13 58 8	27 41 55	10 40	26 27	3 48	4 24	26
22	F	14 2 5	28 41 44	11 1	8 57	4 25	0 31	26
23	S	14 6 1	29 41 35	11 22	21 19	4 49	8 51	26
24	S	14 9 58	0 41 28	11 44	3 31	4 59	8 0	26
25	M	14 13 54	1 41 23	12 4	15 35	4 56	11 48	26
26	Tu	14 17 51	2 41 19	12 25	27 32	4 39	15 6	26
27	W	14 21 48	3 41 18	12 46	9 24	4 11	17 45	26
28	Th	14 25 44	4 41 18	13 6	21 18	3 31	19 39	26
29	F	14 29 41	5 41 20	13 26	3 1	2 43	20 48	26
30	S	14 33 37	6 41 24	13 46	14 54	1 47	20 52	26
31	S	14 37 34	7 41 30	14 5	26 56	0 45	20 3	26

OCTOBER XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's					
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	Node.					
° /	° /	° /	° /	° /	° /	° /					
3 54	21 55	0 33	15 N 53	1 N 42	1 N 0	7 19					
3 43	21 25	0 43	17 6	1 30	1 S 19	7 9					
3 32	20 56	0 52	18 19	1 15	3 37	7 0					
3 22	20 24	1 2	19 25	0 58	5 53	6 50					
3 12	19 52	1 11	20 28	0 39	8 6	6 41					
3 2	19 18	1 20	21 23	0 19	10 13	6 31					
2 52	18 43	1 29	22 18	0 S 1	12 15	6 22					
2 43	18 7	1 37	23 2	0 21	14 11	6 12					
2 34	17 30	1 45	23 48	0 41	16 0	6 3					
2 25	16 50	1 54	24 22	1 1	17 42	5 53					
2 16	16 8	2 1	24 53	1 20	19 16	5 44					
♂	♀	♂	♀	Mutual	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♂	♀	♂	♀
° /	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /
2 55	0 23	8 29	11 43	1 26	♀ * ♀						
2 57	0 35	8 51	12 56	3 14	☉ Δ ♂	☐		Δ			☐
2 58	0 46	9 14	14 8	5 1			♂			*	
3 0	0 58	9 37	15 21	6 48			*				
3 1	1 9	10 11	16 33	8 34		Δ			♂	☐	Δ
3 3	1 21	10 25	17 46	10 19	☉ ☐ ♀		☐		♂		
3 5	1 32	10 49	18 58	12 4	♀ Δ ♂			*			
3 7	1 43	11 14	20 11	13 48	☉ ☐ ♀		Δ				Δ
3 9	1 54	11 39	21 23	15 32	☉ ♂ ♀			☐	*		
3 12	2 5	12 52	22 35	17 15		♂					♂
3 14	2 16	12 31	23 47	18 57			♂	Δ	Δ	☐	
3 16	2 27	12 58	25 9	20 39							♂
3 19	2 38	13 25	26 11	22 20	♀ ♂ ☿				☐	Δ	
3 21	2 49	13 52	27 24	24 0		Δ					Δ
3 24	2 59	14 19	28 36	25 39			♂	*			
3 27	3 10	14 47	29 48	27 18		☐	Δ				
3 30	3 20	15 15	1 0	28 56							Δ
3 33	3 31	15 44	2 12	0 34			☐		♂		☐
3 36	3 41	16 14	3 24	2 11	♀ ☐ ♀	*		♂		☐	*
3 39	3 51	16 44	4 36	3 47	☉ * ♀			Δ			
3 42	4 1	17 14	5 48	5 23			*				*
3 46	4 11	17 44	7 0	6 58				☐			
3 49	4 21	18 14	8 12	8 33		♂				Δ	
3 52	4 31	18 44	9 24	10 7				*			
3 56	4 40	19 15	10 35	11 40				*		☐	♂
4 0	4 50	19 46	11 47	13 13			♂				
4 4	4 59	20 17	12 58	14 46	♀ * ♀				☐	*	♂
4 8	5 8	20 49	14 10	16 18						*	
4 12	5 18	21 21	15 21	17 50	☉ * ♀	*		Δ			
4 16	5 27	21 54	16 33	19 24			♂				*
4 20	5 36	22 27	17 44	20 52			*				

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	'	"	°	'	°	'	°	'
1	16	10	0 N 11	19 S 20	0 N 6	22 S 35	0 N 55	10 N
4	16	10	0 11	19 23	0 6	22 33	0 55	10
7	16	11	0 11	19 26	0 6	22 32	0 56	9
10	16	12	0 11	19 28	0 6	22 31	0 56	9
13	16	12	0 11	19 30	0 5	22 30	0 57	9
16	16	13	0 11	19 32	0 5	22 28	0 58	9
19	16	14	0 11	19 34	0 5	22 26	0 59	9
22	16	14	0 11	19 37	0 5	22 25	0 59	9
25	16	15	0 11	19 40	0 4	22 23	1 0	9
28	16	15	0 11	19 43	0 4	22 21	1 0	9

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. s.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	M	14 41 30	8 41 37	14 S 25	9 11	0 S 19	18 S 17	27
2	Tu	14 45 27	9 41 45	14 44 21	46	1 25	15 36	27
3	W	14 49 23	10 41 55	15 3 4	45	2 28	12 4	27
4	Th	14 53 20	11 42 6	15 22 18	13	3 25	7 49	27
5	F	14 57 17	12 42 19	15 40 2	11	4 13	2 59	27
6	S	15 1 13	13 42 34	15 58 16	39	4 45	2 N 9	27
7	S	15 5 10	14 42 50	16 16 1	31	5 0	7 19	27
8	M	15 9 6	15 43 8	16 34 16	41	4 54	12 8	27
9	Tu	15 13 3	16 43 28	16 51 1	56	4 28	16 12	27
10	W	15 16 59	17 43 49	17 8 17	7	3 42	19 9	27
11	Th	15 20 56	18 44 12	17 25 25	3	2 42	20 45	27
12	F	15 24 52	19 44 38	17 41 16	38	1 32	20 54	27
13	S	15 28 49	20 45 5	17 58 0	47	0 19	19 42	27
14	S	15 32 46	21 45 34	18 13 14	31	0 N 54	17 21	27
15	M	15 36 42	22 46 6	18 29 27	51	2 2	14 8	27
16	Tu	15 40 39	23 46 39	18 44 10	51	3 1	10 18	27
17	W	15 44 35	24 47 14	18 59 23	33	3 50	6 5	28
18	Th	15 48 32	25 47 51	19 14 6	1	4 27	1 42	28
19	F	15 52 28	26 48 29	19 28 18	18	4 51	2 S 41	28
20	S	15 56 25	27 49 9	19 42 0	27	5 2	6 55	28
21	S	16 0 21	28 49 51	19 55 12	28	4 59	10 51	28
22	M	16 4 18	29 50 35	20 8 24	25	4 42	14 20	28
23	Tu	16 8 15	0 51 19	20 21 6	18	4 14	17 13	28
24	W	16 12 11	1 52 6	20 33 18	8	3 35	19 22	28
25	Th	16 16 8	2 52 53	20 45 29	57	2 46	20 42	28
26	F	16 20 4	3 53 42	20 57 11	48	1 50	21 7	28
27	S	16 24 1	4 54 31	21 8 23	48	0 48	20 35	28
28	S	16 27 57	5 55 22	21 19 5	46	0 S 16	19 7	28
29	M	16 31 54	6 56 14	21 29 18	1	1 21	16 44	28
30	Tu	16 35 50	7 57 7	21 39 0	33	2 24	13 32	28

NOVEMBER XXX DAYS.

Mars.			Venus.		Mercury.		Moon's
Lat.	Declin.		Lat.	Declin.	Lat.	Declin.	Node.
°	'	''	°	'	°	'	°
14	15	58	28	3	18	26	5 41
6	15	20	2	9	1	48	5 31
58	14	35	2	15	1	58	5 22
51	13	52	2	19	2	11	5 12
43	13	8	2	25	2	22	5 3
46	12	23	2	28	2	29	4 53
29	11	38	2	21	2	32	4 44
22	10	57	2	32	2	30	4 34
16	10	5	2	33	2	22	4 25
10	9	17	2	33	2	5	4 15

g.	♈	♉	♊	♋	Mutual	Lunar Aspects.					
Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
°	'	''	°	'	°	'	''	°	'	''	°
24	5	45	23	0	18	1	58	22	22		
28	5	54	23	33	20	8	23	52	♀ ☐ ♂		
32	6	2	24	7	21	19	25	21	Δ		
37	6	11	24	40	22	30	26	50	♀ ☉ ☿		
41	6	19	25	14	23	41	28	18	Δ		Δ
45	6	28	25	48	24	52	29	46			
50	6	36	26	22	26	3	1	14	☉ * ♈		
54	6	44	26	56	27	14	2	41	♀ * ♂		
59	6	52	27	31	28	25	4	7	♂ ☐ ☿		
4	7	0	28	6	29	36	5	33			
9	7	8	28	41	0	47	6	58	♀ ☐ ♈		
14	7	16	29	16	1	58	8	22	Δ		
19	7	23	29	51	3	8	9	45	Δ		
24	7	30	0	* 26	4	19	11	7			Δ
29	7	37	1	1	5	29	12	29	☐		
35	7	44	1	87	6	39	13	50			
40	7	51	2	13	7	49	15	9	♀ Δ ♈		
45	7	58	2	49	8	59	16	26	*	*	
51	8	4	3	25	10	9	17	42			*
56	8	10	4	2	11	19	18	56	☉ ☉ ☿		
2	8	16	4	39	12	29	20	8			
7	8	22	5	16	13	38	21	18	☉ ☉		
13	8	28	5	53	14	48	22	25			
18	8	34	6	30	15	58	23	29	♀ ☉ ♈		
24	8	40	7	7	17	7	24	30			☉
30	8	46	7	44	18	17	25	26			
36	8	51	8	21	19	26	26	17			
42	8	56	8	58	20	35	27	3	♂ ♂ ♈		
48	9	1	9	36	21	44	27	44	*		
54	9	6	10	13	22	53	28	18			*

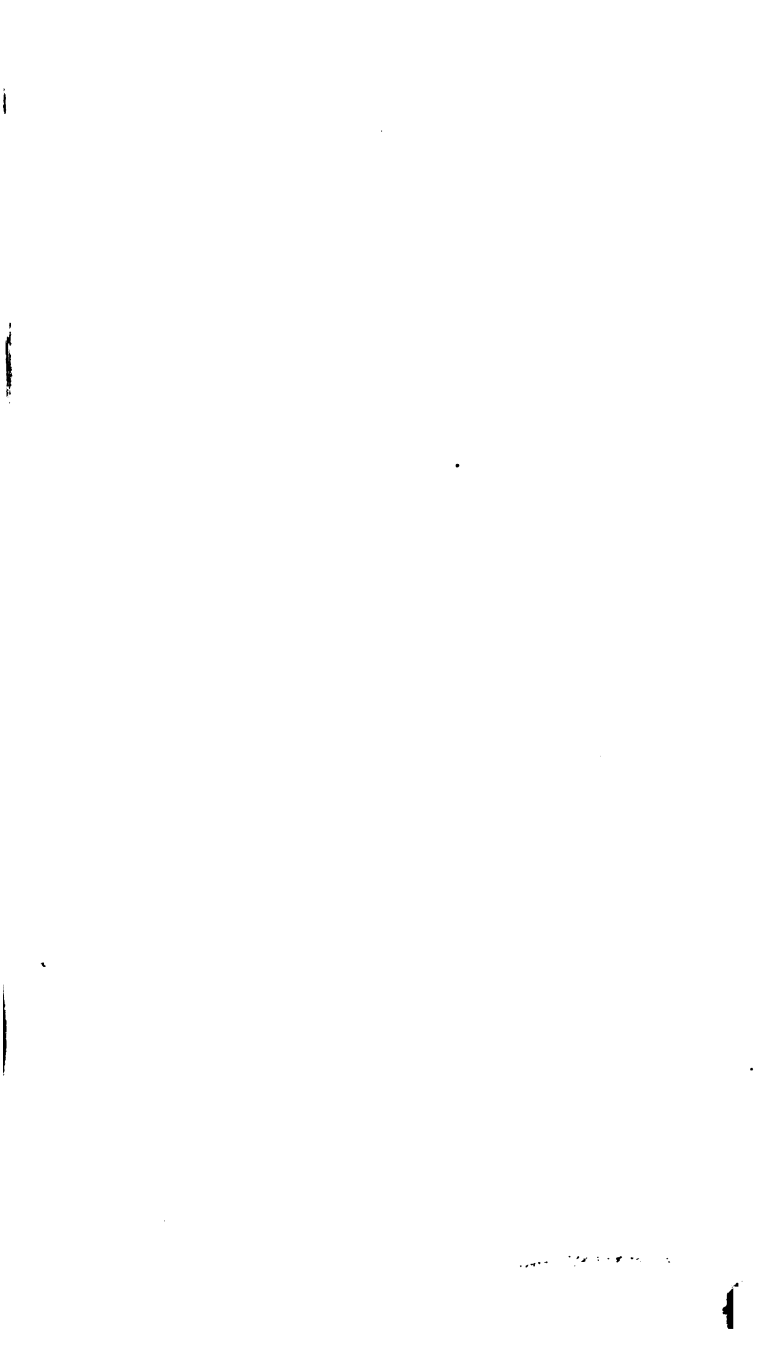
DECEMBER XXXI DAYS.

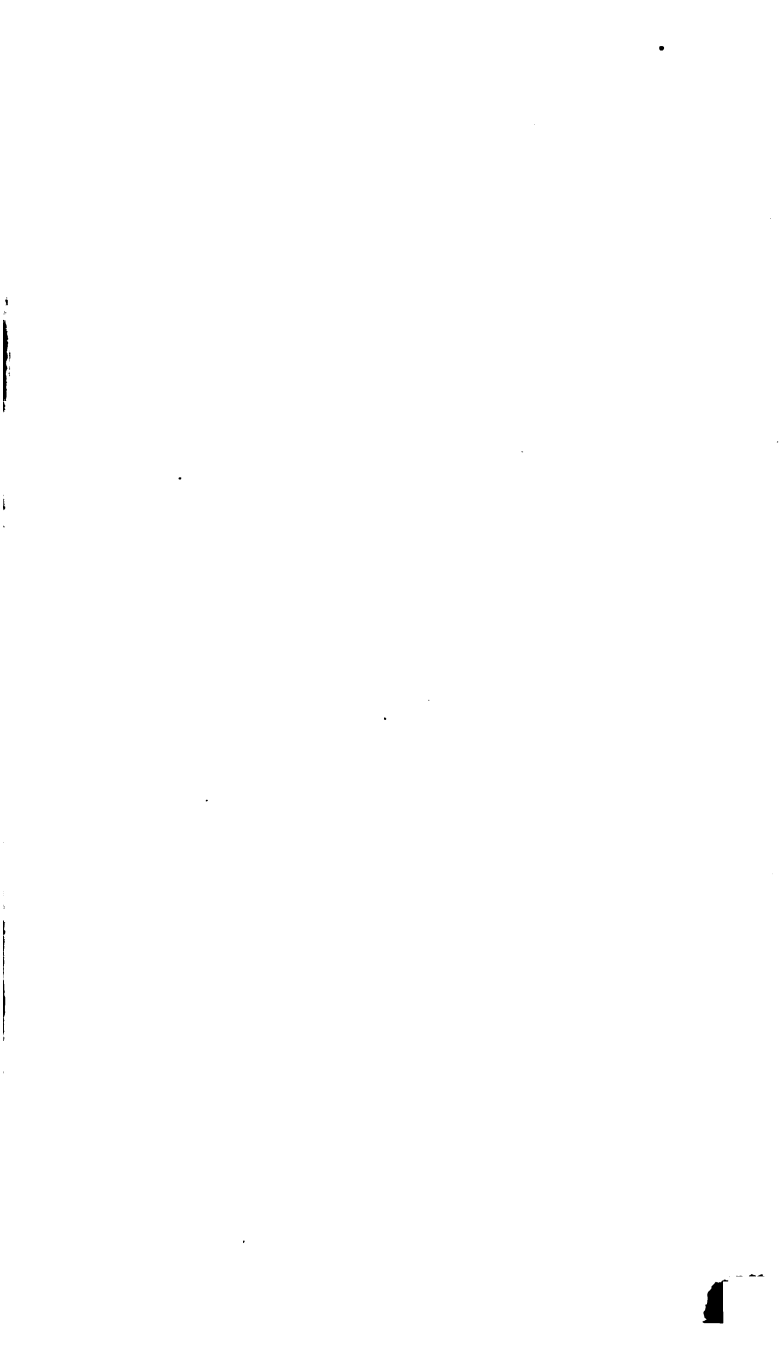
D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter	
		Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 11	19 S 45	0 N 4	22 S 19	1 N 2	9
4	16 15	0 11	19 48	0 4	22 17	1 2	9
7	16 16	0 11	19 50	0 3	22 15	1 3	8
10	16 16	0 11	19 53	0 3	22 12	1 4	8
13	16 16	0 11	19 55	0 3	22 10	1 5	8
16	16 16	0 11	19 57	0 3	22 8	1 5	8
19	16 17	0 11	19 59	0 3	22 5	1 6	8
22	16 17	0 11	20 0	0 3	22 3	1 7	8
25	16 17	0 11	20 2	0 2	22 0	1 8	8
28	16 17	0 11	20 5	0 2	21 57	1 8	8
31	16 17	0 11	20 7	0 2	21 53	1 9	8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	☽ Lo
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	W	16 39 47	8 58 0	21 S 49	13 26	3 S 21	9 S 37	28
2	Th	16 43 44	9 58 54	21 58 26	4 46	4 9 5	6 28	28
3	F	16 47 40	10 59 49	22 7 10	34	4 45 0	11 29	29
4	S	16 51 37	12 0 44	22 15 24	52	5 5 4	N 55	29
5	S	16 55 33	13 1 41	22 23 9	37	5 5 9	53	29
6	M	16 59 30	14 2 38	22 30 24	44	4 44 14	22	29
7	Tu	17 3 26	15 3 36	22 37 10	2	4 3 17	58	29
8	W	17 7 23	16 4 35	22 44 25	21	3 3 20	18	29
9	Th	17 11 19	17 5 35	22 50 10	30	1 54 21	9	29
10	F	17 15 16	18 6 35	22 56 25	21	0 36 20	30	29
11	S	17 19 13	19 7 37	23 1 9	45	0 N 42	18	30
12	S	17 23 9	20 8 40	23 6 23	42	1 55 15	27	29
13	M	17 27 6	21 9 44	23 10 7	12	2 59 11	39	29
14	Tu	17 31 2	22 10 49	23 14 20	16	3 52 7	25	29
15	W	17 34 59	23 11 55	23 17 2	58	4 32 2	59	29
16	Th	17 38 55	24 13 2	23 20 15	23	4 58 1	8	29
17	F	17 42 52	25 14 10	23 23 27	34	5 10 5	48	29
18	S	17 46 48	26 15 18	23 25 9	36	5 8 9	50	29
19	S	17 50 45	27 16 28	23 26 21	31	4 53 13	27	29
20	M	17 54 42	28 17 38	23 27 3	22	4 25 16	31	0
21	Tu	17 58 38	29 18 48	23 28 15	12	3 46 18	54	0
22	W	18 2 35	0 19 59	23 28 27	3	2 57 20	29	0
23	Th	18 6 31	1 21 10	23 27 8	57	2 0 21	10	0
24	F	18 10 28	2 22 22	23 26 30	54	0 57 20	54	0
25	S	18 14 24	3 23 34	23 25 2	57	0 8 9	19	40
26	S	18 18 21	4 24 46	23 23 15	9	1 15 17	30	0
27	M	18 22 17	5 25 58	23 21 27	32	2 19 14	31	0
28	Tu	18 26 14	6 27 10	23 18 10	9	3 18 10	49	0
29	W	18 30 11	7 28 21	23 15 23	4	4 6 6	33	0
30	Th	18 34 8	8 29 32	23 11 6	20	4 46 1	52	0
31	F	18 38 5	9 30 43	23 7 19	58	5 9 3	N 2	0

DECEMBER XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.					
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
° /	° /	° /	° /	° /	° /	° /					
18 4	88 29	2 N32	23 S 50	1 S 38	25 S 5	4 Ω 6					
0 58	7 40	2 30	23 8	0 59	24 27	3 56					
0 52	6 51	2 26	22 22	0 8	23 35	3 46					
0 47	6 1	2 20	21 30	0 N52	22 31	3 37					
0 42	5 11	2 15	20 34	1 50	21 21	3 27					
0 37	4 21	2 6	19 33	2 33	20 18	3 18					
0 32	3 30	1 59	18 30	2 57	19 37	3 8					
0 27	2 40	1 47	17 23	3 0	19 24	2 59					
0 23	1 48	1 37	16 12	2 50	19 35	2 49					
0 19	0 58	1 22	15 0	2 31	20 4	2 40					
0 15	0 6	1 6	13 47	2 8	20 41	2 30					
h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.					
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
° /	° /	° /	° /	° /							
7 v 0	9 w 11	10 x 51	24 v 2	28 f 44	☉ □ ♈	☐		*	♉	♊	
7 6 9	15 11	29 25	11 29	7		Δ				*	☐
7 12 9	19 12	7 26	19 29	R 18		Δ	☐				
7 18 9	23 12	45 27	27 29	9						☐	Δ
7 24 9	27 13	23 28	35 28	52				Δ	*		
7 30 9	31 14	1 29	43 28	29	♀ * ♈	♈	♉	Δ			Δ
7 37 9	35 14	40 0	51 27	59	☉ □ ♉	♉			☐	☐	
7 43 9	38 15	18 1	58 27	17							♉
7 50 9	41 15	57 3	5 26	21			♉	*	Δ		
7 56 9	44 16	35 4	12 25	10		Δ					
8 3 9	47 17	14 5	19 23	53							♉
8 9 9	50 17	52 6	26 22	34	♉ * ♈	Δ	☐				Δ
8 16 9	53 18	31 7	33 21	14	☉ ☉ ♉				♉		
8 22 9	55 19	9 8	39 19	53	☿ □ ♉	☐	Δ		♉		☐
8 29 9	57 19	48 9	45 18	34			*				
8 36 9	59 20	27 10	50 17	16				☐			Δ *
8 42 10	1 21	6 11	56 16	6		*					
8 49 10	3 21	45 13	2 15	8					*		☐
8 56 10	4 22	24 14	7 14	21	☿ * ♉		♉	*		Δ	
9 2 10	5 23	3 15	11 13	44			♉				
9 9 10	6 23	42 16	15 13	17					☐	*	♉
9 16 10	7 24	22 17	19 12	59		♉				☐	
9 23 10	8 25	1 18	23 12	D 58					Δ		
9 30 10	9 25	40 19	27 12	55			♉		*		
9 37 10	9 26	20 20	31 13	9		*					
9 44 10	10 26	59 21	33 13	31							♉ *
9 51 10	10 27	39 22	35 13	59			☐				
9 58 10	10 28	18 23	37 14	31		*			♉		☐
10 5 10	R 9 28	58 24	39 15	9				*		♉	
10 12 10	8 29	37 25	41 15	55		☐	Δ				
10 19 10	7 0	τ 17 26	43 16	48	♉ Δ ♈	♈	☐				Δ





RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1814.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Al...)

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For 1814.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR,
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 11	20 S 8	0 N 2	21 S 53	1 N 10	8 N 53
4	16	15	0 11	20 10	0 2	21 50	1 11	8 55
7	16	16	0 11	20 12	0 1	21 47	1 12	8 58
10	16	16	0 11	20 14	0 1	21 44	1 12	9 2
13	16	17	0 11	20 15	0 1	21 40	1 13	9 6
16	16	17	0 11	20 17	0 1	21 37	1 14	9 11
19	16	17	0 11	20 18	0 0	21 34	1 15	9 17
22	16	18	0 11	20 19	0 0	21 30	1 15	9 23
25	16	18	0 11	20 20	0 0	21 27	1 16	9 29
28	16	18	0 11	20 22	0 0	21 24	1 17	9 36
31	16	18	0 11	20 24	0 0	21 20	1 17	9 45

D M	D W	Sidereal Time.			☉ Long.			☉ Declin			♂ Long.			♂ Lat.			♂ Declin			♂ Long.		
		H.	M.	S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	S	18	42	2	10	31	54	23	S	3	48	1	5	S	15	7	N	55	0	7	40	
2	S	18	45	58	11	33	4	22	58	18	28	5	2	12	30	0	43	0	43	0		
3	M	18	49	55	12	34	15	22	52	3	11	15	4	28	16	26	0	48	0	48		
4	Tu	18	53	51	13	35	24	22	46	18	17	3	36	19	21	0	50	0	50	0		
5	W	18	57	48	14	36	33	22	40	8	25	24	2	28	20	57	0	53	0	53		
6	Th	19	1	45	15	37	42	22	33	18	28	1	10	21	2	0	56	0	56	0		
7	F	19	5	41	16	38	51	22	25	3	19	0	N	12	19	37	0	59	0	59		
8	S	19	9	38	17	39	59	22	18	17	51	1	31	16	56	1	2	1	2	1		
9	S	19	13	34	18	41	8	22	9	1	58	2	42	13	18	1	4	1	4	1		
10	M	19	17	31	19	42	16	22	1	15	38	3	42	9	5	1	6	1	6	1		
11	Tu	19	21	27	20	43	24	21	52	28	52	4	28	4	33	1	8	1	8	1		
12	W	19	25	24	21	44	32	21	42	11	41	4	59	0	S	2	1	11	1	11		
13	Th	19	29	20	22	45	40	21	32	24	9	5	15	4	29	1	13	1	13	1		
14	F	19	33	17	23	46	48	21	22	6	21	5	16	8	40	1	14	1	14	1		
15	S	19	37	14	24	47	55	21	11	18	21	5	3	12	27	1	15	1	15	1		
16	S	19	41	10	25	49	2	21	0	0	14	4	38	15	41	1	16	1	16	1		
17	M	19	45	7	26	50	9	20	49	12	3	4	1	18	17	1	17	1	17	1		
18	Tu	19	49	3	27	51	16	20	37	23	53	3	13	20	7	1	18	1	18	1		
19	W	19	53	0	28	52	21	20	24	5	46	2	17	21	3	1	19	1	19	1		
20	Th	19	56	56	29	53	27	20	12	17	45	1	14	21	3	1	20	1	20	1		
21	F	20	0	53	0	54	31	19	58	29	53	0	8	20	4	1	21	1	21	1		
22	S	20	4	49	1	55	35	19	45	12	10	1	S	0	18	8	1	22	1	22	1	
23	S	20	8	46	2	56	37	19	31	24	38	2	6	15	19	1	23	1	23	1		
24	M	20	12	43	3	57	39	19	17	7	18	3	7	11	44	1	24	1	24	1		
25	Tu	20	16	39	4	58	40	19	2	20	11	4	0	7	33	1	25	1	25	1		
26	W	20	20	36	5	59	39	18	47	3	19	4	41	2	58	1	26	1	26	1		
27	Th	20	24	32	7	0	37	18	32	16	42	5	7	1	N	50	1	27	1	27	1	
28	F	20	28	29	8	1	34	18	17	0	20	5	17	6	38	1	28	1	28	1		
29	S	20	32	25	9	2	30	18	1	14	15	5	9	11	12	1	29	1	29	1		
30	S	20	36	22	10	3	24	17	45	28	25	4	42	15	14	1	30	1	30	1		
31	M	20	40	18	11	4	16	17	28	12	49	3	58	18	26	1	31	1	31	1		

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 18	0 N 11	18 5	13 S 17	1 N 59	20 S 55	2 Ω 27
4	0 9	1 1	1 47	11 54	1 33	21 36	2 17
7	0 5	1 53	0 31	10 39	1 6	22 14	2 8
10	0 2	2 43	0 10	9 19	0 40	22 47	1 58
13	0 N 2	3 34	0 N 10	7 57	0 15	23 12	1 49
16	0 6	4 24	0 32	6 42	0 S 9	23 28	1 39
19	0 9	5 14	0 57	5 16	0 32	23 35	1 30
22	0 12	6 4	1 24	4 0	0 52	23 30	1 20
25	0 15	6 53	1 50	2 38	1 10	23 14	1 11
28	0 18	7 40	2 20	1 25	1 27	22 46	1 1
31	0 21	8 38	2 54	0 10	1 40	22 5	0 52

D M	h		♄		♅		♆		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	20 w 26	10 w 5	0 r 57	27 w 44	17 f 42	☉ Δ ♄	Δ			Δ				Δ		
2	20 33	10 R 4	1 36	28 45	18 40	♄ Δ ♄					♄		Δ			
3	20 40	10 2	2 16	29 45	19 42						♄			□	*	□
4	20 47	10 0	2 56	0 x 45	20 48	♀ □ ♄									*	♄
5	20 55	9 58	3 36	1 44	21 56										*	□ Δ
6	21 2	9 56	4 16	2 42	23 5					♄		♄				
7	21 9	9 54	4 56	3 39	24 16						Δ				Δ	
8	21 16	9 51	5 35	4 36	25 29											
9	21 23	9 49	6 15	5 33	26 44						□				♄	Δ
10	21 30	9 46	6 55	6 29	28 2					Δ		Δ	♄			
11	21 37	9 43	7 35	7 25	29 21						*					□
12	21 44	9 40	8 15	8 20	0 w 40	☉ ♂ h									♄	
13	21 51	9 37	8 55	9 15	2 0	♀ ♂ ♄	□				□				*	
14	21 58	9 33	9 35	10 9	3 22									*		Δ *
15	22 5	9 29	10 15	11 2	4 45							*				
16	22 13	9 25	10 55	11 54	6 9					*	♄					
17	22 20	9 21	11 35	12 45	7 34									□	Δ	□
18	22 27	9 17	12 15	13 35	9 0	♄ Δ ♄								Δ		♄
19	22 34	9 13	12 55	14 24	10 26							♄			□	*
20	22 41	9 8	13 35	15 12	11 53							♄				
21	22 48	9 3	14 15	16 0	13 21					♄	*					
22	22 55	8 58	14 55	16 47	14 50	☉ * ♄									*	
23	23 2	8 53	15 35	17 34	16 19	♀ □ ♂										
24	23 9	8 48	16 15	18 20	17 49						□			♄		
25	23 16	8 43	16 55	19 5	20 20	♄ * ♄						*			♄	*
26	23 23	8 37	17 35	19 49	20 52					*	Δ					
27	23 30	8 31	18 15	20 32	22 24							□		♄		□
28	23 37	8 25	18 55	21 13	23 57	♄ ♂ h										
29	23 44	8 19	19 35	21 53	25 30					□			Δ			
30	23 51	8 13	20 15	22 31	27 4						♄		Δ		*	Δ
31	23 58	8 7	20 55	23 7	28 39					Δ			□			

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	0 N 11	20 S 24	0 S 1	21 S 19	1 N 18	9 N 47
4	16	15	0 11	20 26	0 1	21 16	1 18	9 55
7	16	14	0 11	20 27	0 1	21 18	1 19	10 3
10	16	14	0 11	20 27	0 1	21 10	1 19	10 11
13	16	13	0 11	20 27	0 2	21 6	1 20	10 20
16	16	12	0 11	20 28	0 2	21 3	1 20	10 28
19	16	11	0 11	20 29	0 2	20 59	1 20	10 38
22	16	11	0 11	20 29	0 2	20 56	1 20	10 47
25	16	10	0 11	20 30	0 2	20 53	1 21	10 55
28	16	10	0 11	20 30	0 2	20 50	1 21	11 4

D M	D W	Sidereal Time.	☉ Long.			☾ Declin			♂ Long.			♀ Lat.			♂ Declin			♀ Long.
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	
1	Tu	20 44 15	12 ^m	5	7	17 S	11	27	11	24	2 S	57	20 N	29	1	54	58	
2	W	20 48 12	13	5	57	16	54	12	55	5	1	44	21	11	1	58	58	
3	Th	20 52 9	14	6	45	16	37	26	46	0	25	20	25	2	2	0	0	
4	F	20 56 6	15	7	32	16	19	11	20	20	0 N	56	18	17	2	2	0	
5	S	21 0 3	16	8	17	16	1	25	42	2	11	15	2	2	2	2	4	
6	S	21 4 0	17	9	2	15	43	9	46	3	17	10	58	2	6	6	6	
7	M	21 7 57	18	9	45	15	24	23	28	4	10	6	26	2	7	7	7	
8	Tu	21 11 53	19	10	27	15	5	6	46	4	58	1	43	2	9	9	9	
9	W	21 15 49	20	11	8	14	46	19	41	5	10	2 S	56	2	10	10	10	
10	Th	21 19 46	21	11	47	14	27	2	14	5	16	7	19	2	11	11	11	
11	F	21 23 43	22	12	36	14	7	14	30	5	7	11	19	2	12	12	12	
12	S	21 27 39	23	13	3	13	48	26	32	4	45	14	46	2	13	13	13	
13	S	21 31 36	24	13	39	13	28	8	25	4	11	17	36	2	14	14	14	
14	M	21 35 32	25	14	14	13	7	20	14	3	27	19	40	2	15	15	15	
15	Tu	21 39 29	26	14	48	12	47	2	4	2	33	20	53	2	16	16	16	
16	W	21 43 25	27	15	20	12	26	14	0	1	33	21	11	2	17	17	17	
17	Th	21 47 22	28	15	51	12	5	26	5	0	28	20	30	2	18	18	18	
18	F	21 51 18	29	16	20	11	44	8	22	0 S	40	18	50	2	19	19	19	
19	S	21 55 15	0 ^m	16	49	11	23	20	53	1	46	16	13	2	20	20	20	
20	S	21 59 12	1	17	15	11	2	3	40	2	49	12	47	2	21	21	21	
21	M	22 3 8	2	17	40	10	40	16	43	3	44	8	41	2	22	22	22	
22	Tu	22 7 5	3	18	2	10	18	0	1	4	28	4	5	2	23	23	23	
23	W	22 11 1	4	18	23	9	56	13	32	4	58	0 N	46	2	24	24	24	
24	Th	22 14 58	5	18	43	9	34	27	14	5	11	5	39	2	25	25	25	
25	F	22 18 54	6	19	0	9	12	11	8	5	7	10	19	2	26	26	26	
26	S	22 22 51	7	19	14	8	50	25	5	4	44	14	28	2	26	26	26	
27	S	22 26 47	8	19	27	8	27	9	11	4	4	17	50	2	27	27	27	
28	M	22 30 44	9	19	38	8	5	23	20	3	9	20	9	2	27	27	27	

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 21	8 N 46	3 N 1	0 N 15	1 S 44	21 S 49	0 Ω 49
4	0 24	9 32	3 36	1 22	1 54	20 51	0 39
7	0 27	10 19	4 7	2 28	2 1	19 41	0 29
10	0 29	11 5	4 44	3 24	2 5	18 17	0 10
13	0 31	11 50	5 17	4 20	2 5	16 41	0 0
16	0 34	12 34	5 57	5 3	2 1	14 51	29 Ω 51
19	0 36	13 18	6 28	5 42	1 52	12 48	29 41
22	0 38	14 0	6 58	6 3	1 39	10 33	29 32
25	0 40	14 41	7 33	6 23	1 20	8 6	29 22
28	0 42	15 20	7 56	6 25	0 56	5 31	29 13

D M	h	♄	♂	♀	♂	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
1	24 w 5	8 w 1	21 r 36	23 x 41	0 m 15							*	□
2	24 12	7 R 54	22 16	24 14	1 51	♂ * ♀					*		
3	24 19	7 48	22 56	24 46	3 28	♀ * h		Δ	♂			□	Δ
4	24 25	7 41	23 36	25 17	5 7		♂						♂
5	24 32	7 34	24 16	25 47	6 46							Δ	
6	24 39	7 27	24 56	26 16	8 25	♂ □ h		□		♂			
7	24 46	7 20	25 37	26 44	10 5				Δ			♂	
8	24 53	7 13	26 17	27 10	11 46			*					Δ
9	25 0	7 6	26 57	27 34	13 28		Δ		□				
10	25 6	6 58	27 37	27 56	15 10					*	♂		
11	25 13	6 51	28 17	28 15	16 53								□
12	25 20	6 44	28 57	28 30	18 37		□		*			Δ	
13	25 26	6 36	29 37	28 42	20 23			♂		□			
14	25 33	6 28	0 17	28 54	22 10		*						*
15	25 39	6 21	0 57	29 5	23 57					Δ	Δ	□	
16	25 45	6 13	1 37	29 14	25 45					♂			*
17	25 52	6 6	2 17	29 21	27 34				♂				
18	25 58	5 58	2 57	29 R 25	29 23	☉ ♂ ♀		*				□	
19	26 4	5 50	3 37	29 25	1 x 13		♂						♂
20	26 10	5 43	4 17	29 22	3 4	♀ □ h	♂	□		♂	*		
21	26 17	5 35	4 57	29 17	4 56	☉ □ h							
22	26 23	5 27	5 37	29 10	6 49	♂ Δ ♄		Δ	*			♂	
23	26 29	5 19	6 17	29 1	8 43	♀ ♂ ♄				□			
24	26 35	5 11	6 57	28 51	10 37	☉ ♂ ♄				□			
25	26 41	5 3	7 37	28 39	12 31		*			Δ	♂		*
26	26 47	4 56	8 17	28 24	14 26				Δ			*	
27	26 53	4 48	8 57	28 6	16 21		□	♂		□			
28	26 59	4 40	9 37	27 45	18 15							□	□

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	10	0 N 11	20 S 30	0 S 3	20 S 48	1 N 21	11 N 7
4	16	9	0 11	20 30	0 3	20 45	1 21	11 16
7	16	8	0 11	20 30	0 3	20 42	1 21	11 25
10	16	8	0 11	20 30	0 3	20 39	1 21	11 32
13	16	7	0 11	20 30	0 4	20 36	1 22	11 40
16	16	6	0 11	20 30	0 4	20 34	1 22	11 47
19	16	5	0 11	20 29	0 4	20 31	1 21	11 54
22	16	4	0 11	20 29	0 4	20 28	1 21	12 1
25	16	3	0 11	20 29	0 5	20 26	1 21	12 7
28	16	3	0 11	20 28	0 5	20 24	1 21	12 13
31	16	2	0 11	20 28	0 5	20 21	1 21	12 18

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	22 34 40	10 19 46	7 S 42	7 53 33	2 S 22	21 N 13	2 27
2	W	22 38 37	11 19 52	7 19 21	47 0 48	20 54	2 27	2 27
3	Th	22 42 34	12 19 56	6 56 5	59 0 N 29	19 16	2 27	2 27
4	F	22 46 30	13 19 58	6 33 20	6 1 43	16 26	2 28	2 28
5	S	22 50 27	14 19 58	6 10 4	4 2 51	12 41	2 28	2 28
6	S	22 54 23	15 19 55	5 47 17	51 3 47	8 18	2 28	2 28
7	M	22 58 20	16 19 51	5 24 1	21 4 30	3 35	2 28	2 28
8	Tu	23 2 16	17 19 45	5 1 14	33 4 56	1 S 11	2 27	2 27
9	W	23 6 13	18 19 38	4 37 27	26 5 7	5 47	2 27	2 27
10	Th	23 10 9	19 19 28	4 14 9	59 5 31	10 2	2 27	2 27
11	F	23 14 6	20 19 17	3 50 22	16 4 45	13 46	2 27	2 27
12	S	23 18 3	21 19 4	3 27 4	19 4 14	16 52	2 26	2 26
13	S	23 21 59	22 18 50	3 3 16	13 3 33	19 14	2 26	2 26
14	M	23 25 56	23 18 34	2 40 28	3 2 42	20 45	2 26	2 26
15	Tu	23 29 52	24 18 16	2 16 9	53 1 45	21 21	2 25	2 25
16	W	23 33 49	25 17 56	1 52 21	49 0 43	20 59	2 25	2 25
17	Th	23 37 45	26 17 35	1 28 3	57 0 S 22	19 39	2 25	2 25
18	F	23 41 42	27 17 12	1 5 16	20 1 28	17 21	2 24	2 24
19	S	23 45 38	28 16 46	0 41 29	2 2 30	14 10	2 24	2 24
20	S	23 49 35	29 16 19	0 17 12	5 3 26	10 13	2 24	2 24
21	M	23 53 32	0 15 50	0 N 6	25 29 4	12 5 40	2 23	2 23
22	Tu	23 57 28	1 15 20	0 30 9	12 4 45	0 44	2 23	2 23
23	W	0 1 25	2 14 47	0 54 23	10 5 2	4 N 20	2 22	2 22
24	Th	0 5 22	3 14 12	1 17 7	20 5 0	9 14	2 21	2 21
25	F	0 9 18	4 13 35	1 41 21	35 4 40	13 40	2 20	2 20
26	S	0 13 14	5 12 55	2 4 5	52 4 31	17 19	2 19	2 19
27	S	0 17 11	6 12 13	2 28 20	6 3 10	19 56	2 18	2 18
28	M	0 21 7	7 11 28	2 51 4	16 2 6	21 18	2 17	2 17
29	Tu	0 25 4	8 10 41	3 15 18	19 0 55	21 18	2 16	2 16
30	W	0 29 0	9 9 52	3 38 2	16 0 N 19	19 59	2 15	2 15
31	Th	0 32 57	10 9 1	4 1 16	5 1 31	17 29	2 14	2 14

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 42	15 N 35	8 N 8	6 N 23	0 S 47	4 S 38	29 20
4	0 44	16 13	8 25	6 3	0 16	1 55	29 10
7	0 46	16 51	8 40	5 41	0 N 20	0 N 46	29 0
10	0 48	17 27	8 43	5 0	0 59	3 19	28 51
13	0 49	18 3	8 43	4 16	1 38	5 36	28 41
16	0 51	18 36	8 25	3 19	2 16	7 29	28 32
19	0 52	19 10	8 7	2 22	2 48	8 51	28 22
22	0 53	19 40	7 40	1 25	3 12	9 39	28 13
25	0 54	20 11	7 8	0 29	3 24	9 49	28 3
28	0 55	20 39	6 28	0 S 20	3 21	9 21	27 54
31	0 56	21 7	5 56	1 10	3 4	8 20	27 44

D M	h	γ	δ	η	ζ	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		\odot	\oplus	h	γ	δ	η	ζ
1	27 5	4 32	10 16	27 20	20 9	$\odot * \delta$	Δ			*	*		
2	27 11	4 24	10 56	26 52	22 3	$\eta * h$			δ			Δ	Δ
3	27 17	4 16	11 36	26 23	23 55			Δ				\square	
4	27 22	4 8	12 16	25 53	25 46								
5	27 28	4 0	12 56	25 22	27 36	$\eta * h$		\square		δ			
6	27 34	3 52	13 36	24 50	29 24		δ		*			Δ	δ
7	27 39	3 45	14 14	24 17	1 9			*	Δ				δ
8	27 45	3 37	14 55	23 43	3 51	$\eta \Delta h$							
9	27 50	3 30	15 35	23 7	4 29				\square	*			
10	27 55	3 22	16 15	22 30	6 4								
11	28 0	3 15	16 55	21 52	7 34		Δ		*		δ	Δ	
12	28 5	3 8	17 35	21 13	8 59	$\odot \delta \eta$		δ		\square		\square	Δ
13	28 10	3 1	18 14	20 35	10 19					Δ			
14	28 15	2 54	18 54	19 57	11 33		\square						
15	28 20	2 47	19 34	19 20	12 40	$\delta * \eta$							\square
16	28 25	2 41	20 13	18 44	13 39		*		δ		Δ	*	
17	28 29	2 34	20 53	18 9	14 31	$\gamma \square h$		*	δ				*
18	28 34	2 27	21 32	17 36	15 16	$\odot * h$					\square		*
19	28 39	2 21	22 12	17 4	15 55			\square		δ			
20	28 44	2 15	22 52	16 34	16 26							δ	
21	28 48	2 9	23 31	16 6	16 49		δ	Δ	*		*		
22	28 53	2 3	24 11	15 40	17 3								
23	28 57	1 57	24 50	15 14	17 9	$\odot \Delta h$			\square				δ
24	29 2	1 51	25 30	14 53	17 8					Δ			
25	29 6	1 45	26 9	14 31	16 59						δ	*	
26	29 10	1 40	26 49	14 13	16 43		*	δ	Δ	\square			*
27	29 14	1 34	27 28	13 58	16 21						*	\square	*
28	29 18	1 29	28 8	13 46	15 52		\square			*			
29	29 22	1 24	28 47	13 36	15 18							Δ	\square
30	29 26	1 19	29 27	13 28	14 40	$\delta \Delta h$		Δ	δ		*		
31	29 30	1 14	0 6	13 22	13 58		Δ						Δ

8		RAPHAEL'S ASTRONOMICAL EPHEMERIS.										[1814.
APRIL XXX DAYS.												
D	Sun's	Herschel.		Saturn.		Jupiter.						
M	Semidia.	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.					
	'	"	°	'	°	'	°	°	'	°	'	
1	16	1	0 N 11	20 S 27	0 S 5	20 S 21	1 N 20	12 N 19				
4	16	0	0 11	20 26	0 5	20 19	1 20	12 23				
7	15	59	0 11	20 25	0 6	20 17	1 19	12 27				
10	15	58	0 11	20 24	0 6	20 15	1 19	12 30				
13	15	58	0 11	20 23	0 6	20 14	1 18	12 33				
16	15	57	0 11	20 22	0 6	20 12	1 18	12 35				
19	15	56	0 11	20 21	0 7	20 11	1 17	12 36				
22	15	56	0 11	20 20	0 7	20 11	1 17	12 37				
25	15	55	0 11	20 19	0 7	20 10	1 17	12 37				
28	15	54	0 11	20 17	0 7	20 9	1 17	12 36				

D	D	Sidereal	☉		☉	♄	♄	♄	♃			
M	W	Time.	Long.	Declin	Long.	Lat.	Declin	Long.				
		H. M. S.	°	'	°	'	°	'	°	'	°	'
1	F	0 36 54	11 r 8 7	4 N 25	29 Ω 46	2 N 37	14 N 1	2 f 12				
2	S	0 40 50	12 7 10	4 48	13 m 18	3 33	9 51	2 B 11				
3	S	0 44 47	13 6 12	5 11	26 40	4 17	5 15	2 9				
4	M	0 48 43	14 5 12	5 34	9 Δ 50	4 46	0 29	2 7				
5	Tu	0 52 40	15 4 9	5 56	22 46	5 0	4 S 13	2 6				
6	W	0 56 36	16 3 4	6 19	5 m 28	4 58	8 40	2 4				
7	Th	1 0 33	17 1 57	6 42	17 55	4 42	12 40	2 2				
8	F	1 4 29	18 0 49	7 4	0 f 8	4 14	16 4	2 1				
9	S	1 8 26	18 59 39	7 27	12 9	3 34	18 44	2 0				
10	S	1 12 23	19 58 27	7 49	24 2	2 46	20 34	1 59				
11	M	1 16 19	20 57 13	8 11	5 w 50	1 50	21 30	1 57				
12	Tu	1 20 16	21 55 58	8 33	17 40	0 50	21 28	1 55				
13	W	1 24 12	22 54 41	8 55	29 36	0 S 13	20 28	1 54				
14	Th	1 28 9	23 53 23	9 17	11 m 43	1 17	18. 31	1 52				
15	F	1 32 5	24 52 2	9 38	24 8	2 15	15 40	1 50				
16	S	1 36 2	25 50 40	10 0	6 x 54	3 14	12 0	1 49				
17	S	1 39 56	26 49 17	10 21	20 4	4 2	7 38	1 47				
18	M	1 43 55	27 47 51	10 42	3 r 41	4 37	3 46	1 45				
19	Tu	1 47 52	28 46 24	11 3	17 41	4 57	2 N 22	1 43				
20	W	1 51 48	29 44 55	11 24	28 2	4 54	7 31	1 41				
21	Th	1 55 45	0 43 24	11 44	16 38	4 42	12 19	1 39				
22	F	1 59 41	1 41 52	12 5	1 □ 20	4 6	16 26	1 37				
23	S	2 3 36	2 40 18	12 25	16 1	3 14	19 31	1 36				
24	S	2 7 34	3 38 41	12 45	0 53	2 9	21 19	1 33				
25	M	2 11 31	4 37 2	13 4	14 50	0 57	21 41	1 31				
26	Tu	2 15 27	5 35 20	13 24	29 3	0 N 18	20 39	1 29				
27	W	2 19 23	6 33 37	13 43	12 Ω 56	1 30	18 23	1 27				
28	Th	2 23 19	7 31 52	14 2	26 34	2 36	15 6	1 25				
29	F	2 27 15	8 30 4	14 21	9 m 54	3 32	11 6	1 23				
30	S	2 31 11	9 28 15	14 40	23 11	4 15	6 37	1 20				

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 57	21 N 15	5 N 42	1 S 19	2 N 55	7 N 54	27 41
4	0 58	21 40	5 7	1 49	2 19	6 25	27 31
7	0 59	22 4	4 25	2 19	1 34	4 50	27 22
10	1 0	22 26	3 51	2 35	0 45	3 23	27 12
13	1 1	22 46	3 12	2 45	0 S 3	2 12	27 3
16	1 2	23 4	2 42	2 44	0 48	1 23	26 53
19	1 3	23 21	2 6	2 41	1 27	0 57	26 44
22	1 3	23 36	1 37	2 30	1 59	0 54	26 34
25	1 4	23 50	1 7	2 9	2 25	1 13	26 25
28	1 5	24 3	0 27	1 36	2 44	1 50	26 15

D M	h Long.	♄ Long.	♅ Long.	♆ Long.	♇ Long.	Mutual Aspts.	Lunar Aspects.						
							☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	29 w 34	1 m 9	0 45	13 x 18	13 r 13	♄ ☐ ♄				♈	☐		
2	29 37	1 R 5	1 25	13 R 16	12 R 28	☉ ☉ ☿		☐					♋
3	29 41	1 1	2 4	13 D 16	11 40	♄ ☿ ☿			Δ		Δ		
4	29 4	0 57	2 43	13 19	10 50		♋ *						♋
5	29 46	0 53	3 22	13 25	10 2								
6	29 51	0 49	4 1	13 34	9 17				☐ *				
7	29 54	0 45	4 40	13 47	8 34			♈ *			♋	Δ	
8	29 57	0 42	5 20	14 2	7 54			♈ *	☐	♋			Δ
9	0 m 0	0 38	5 59	14 18	7 18							☐	Δ
10	0 3	0 35	6 38	14 35	6 46	♇ * ♄	Δ						
11	0 6	0 32	7 17	14 53	6 19					Δ			☐
12	0 9	0 29	7 56	15 12	5 57		☐	*	♈			*	
13	0 12	0 26	8 35	15 32	5 39			*	♈		Δ		*
14	0 14	0 24	9 14	15 55	5 26								
15	0 17	0 22	9 53	16 20	5 D 19		*						
16	0 19	0 20	10 32	16 47	5 19			☐		♋	☐		
17	0 22	0 18	11 11	17 16	5 28				*		♈	♈	
18	0 24	0 16	11 50	17 48	5 31			Δ	*				♈
19	0 26	0 14	12 29	18 22	5 44						*		
20	0 28	0 13	13 8	18 57	6 2	☉ Δ ♄	♈		☐	Δ			
21	0 30	0 12	13 47	19 32	6 25	☉ ☐ ♈						*	
22	0 31	0 11	14 26	20 8	6 52			♋	Δ	☐			*
23	0 33	0 10	15 5	20 45	7 23						♈	☐	
24	0 35	0 9	15 44	21 22	7 58		*			*			
25	0 36	0 9	16 23	22 0	8 38								☐
26	0 38	0 8	17 2	22 40	9 22			Δ	♋			Δ	
27	0 39	0 D	17 41	23 21	10 9		☐				*		Δ
28	0 40	0 8	18 20	24 4	10 59			☐		♈			
29	0 42	0 9	18 59	24 48	11 52		Δ						
30	0 43	0 10	19 38	25 33	12 48						☐	♋	

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 11	20 S 16	0 S 8	20 S 8	1 N 16	12 N 36
4	15	54	0 11	20 14	0 8	20 8	1 16	12 34
7	15	53	0 11	20 12	0 9	20 8	1 15	12 32
10	15	52	0 11	20 11	0 9	20 8	1 14	12 29
13	15	51	0 11	20 9	0 9	20 8	1 13	12 26
16	15	51	0 11	20 8	0 9	20 9	1 13	12 22
19	15	50	0 11	20 7	0 9	20 10	1 12	12 18
22	15	50	0 11	20 6	0 9	20 11	1 12	12 15
25	15	49	0 11	20 5	0 10	20 12	1 12	12 7
28	15	49	0 11	20 4	0 10	20 13	1 12	12 0
31	15	48	0 11	20 2	0 10	20 15	1 11	11 54

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	2 35 7	10 8 26 24	14 N 58	6 2 12	4 N 45	1 N 54	1 7 17
2	M	2 39 31	11 24 30 15	16 19 0	5 0	2 S 50	1 S 15	1 15
3	Tu	2 43 0	12 22 35 15	34 1 m 38	4 59 7 22	1 12		
4	W	2 46 56	13 20 38 15	52 14 4	4 45 11 32	1 10		
5	Th	2 50 53	14 18 40 16	9 26 19	4 17 15 11	1 7		
6	F	2 54 50	15 16 40 16	26 2 7 24	3 38 18 8	1 5		
7	S	2 58 46	16 14 39 16	43 20 20	2 50 20 17	1 2		
8	S	3 2 43	17 12 36 16	59 2 w 10	1 55 21 32	1 0		
9	M	3 6 39	18 10 31 17	16 13 58	0 54 21 50	0 58		
10	Tu	3 10 36	19 8 25 17	32 25 47	0 S 8 21 9	0 56		
11	W	3 14 32	20 6 19 17	47 7 m 42	1 12 19 31	0 54		
12	Th	3 18 29	21 4 11 18	3 19 49	2 13 16 59	0 52		
13	F	3 22 25	22 2 2 18	18 2 12	3 9 13 38	0 50		
14	S	3 26 22	22 59 52 18	32 14 57	3 57 9 35	0 47		
15	S	3 30 19	23 57 41 18	47 28 7	4 35 4 57	0 45		
16	M	3 34 15	24 55 28 19	1 11 7 46	4 59 0 N 5	0 43		
17	Tu	3 38 12	25 53 15 19	15 25 53	5 5 5 16	0 40		
18	W	3 42 8	26 51 0 19	28 10 8 24	4 53 10 19	0 37		
19	Th	3 46 5	27 48 44 19	42 25 15	4 21 14 53	0 35		
20	F	3 50 1	28 46 27 19	54 10 11 16	3 30 18 38	0 32		
21	S	3 53 58	29 44 9 20	7 25 19	2 25 20 58	0 29		
22	S	3 57 54	0 41 49 20	19 10 5 13	1 10 21 54	0 27		
23	M	4 1 51	1 39 27 20	31 24 53	0 N 8 21 19	0 24		
24	Tu	4 5 47	2 37 5 20	42 9 14	1 25 19 19	0 22		
25	W	4 9 44	3 34 40 20	53 23 14	2 34 16 13	0 19		
26	Th	4 13 41	4 32 15 21	4 6 m 53	3 33 12 17	0 16		
27	F	4 17 37	5 29 47 21	14 20 12	4 19 7 51	0 13		
28	S	4 21 34	6 27 18 21	24 3 14	5 0 3 9	0 11		
29	S	4 25 30	7 24 49 21	34 16 0	5 6 1 S 36	0 9		
30	M	4 29 27	8 22 17 21	43 28 33	5 7 6 11	0 7		
31	Tu	4 33 24	9 19 45 21	52 10 m 55	4 54 10 28	0 5		

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.					
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	° /	° /	° /	° /	° /	° /	° /					
1	1 N 6	24 N 12	0 N 16	1 S 13	2 S 56	2 N 45	26 6					
4	1 7	24 20	0 S 4	0 30	3 2	3 54	25 57					
7	1 7	24 27	0 26	0 N 2	3 2	5 17	25 47					
10	1 8	24 32	0 50	0 46	2 57	6 50	25 38					
13	1 8	24 35	1 3	1 34	2 46	8 34	25 28					
16	1 9	24 36	1 18	2 30	2 30	10 26	25 19					
19	1 9	24 36	1 32	3 18	2 10	12 23	25 9					
22	1 9	24 34	1 44	4 17	1 45	14 25	25 0					
25	1 9	24 30	1 55	5 11	1 17	16 28	24 50					
28	1 10	24 24	2 4	6 16	0 47	18 28	24 41					
31	1 10	24 16	2 12	7 32	0 14	20 21	24 31					
D M	h	♄	♀	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	♃	♄	♅	♆	♇
	° /	° /	° /	° /	° /							
1	0 44	0 11	20 16	26 19	13 48			*	Δ			
2	0 45	0 12	20 55	27 6	14 48						Δ	♁
3	0 46	0 13	21 34	27 53	15 53				□	*		
4	0 47	0 15	22 13	28 41	17 3		♁					
5	0 47	0 16	22 53	29 29	18 15			♁	*	□		Δ
6	0 48	0 17	23 31	0 18	19 28	♀ * h						
7	0 48	0 19	24 9	1 7	20 42	♀ Δ h					♁	Δ
8	0 48	0 21	24 48	1 57	21 59					Δ		□
9	0 49	0 23	25 27	2 48	23 19		Δ					
10	0 49	0 26	26 6	3 40	24 42				♁			□
11	0 50	0 28	26 44	4 33	26 7			*				*
12	0 49	0 30	27 23	5 27	27 34	♂ * ♂	□					
13	0 49	0 33	28 1	6 21	29 4	h * h		□		♁	Δ	*
14	0 49	0 36	28 40	7 15	0 36	♂ □ h						
15	0 48	0 40	29 18	8 10	2 10	♂ Δ ♄	*	Δ	*		□	
16	0 48	0 43	29 57	9 5	3 46	♄ □ h						♁
17	0 47	0 47	0 35	10 1	5 24					□	Δ	*
18	0 46	0 50	1 14	10 57	7 4							♁
19	0 45	0 54	1 52	11 54	8 47		♁	♁	Δ	□		
20	0 44	0 58	2 30	12 51	10 32							*
21	0 43	1 3	3 9	13 49	12 19	☉ Δ h				*		
22	0 42	1 7	3 47	14 47	14 8	☉ ♂ h					♁	□
23	0 41	1 12	4 26	15 45	15 59	☉ □ ♄		Δ	♁			*
24	0 40	1 16	5 4	16 44	17 52		*					
25	0 39	1 21	5 43	17 43	19 48							Δ
26	0 37	1 26	6 22	18 42	21 46			□	□		♁	*
27	0 36	1 31	7 0	19 42	23 45							
28	0 34	1 37	7 38	20 42	25 46			Δ	*	Δ		Δ
29	0 32	1 42	8 16	21 43	27 49							♁
30	0 31	1 48	8 55	22 44	29 54	♂ ♂ h				□	*	
31	0 29	1 53	9 33	23 45	2 2	♂ Δ h					Δ	

JUNE XXX DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"		°	'	°	'	°	'
1	15	48	0	N 10	20 S 1	0 S 11	20 S 15	1 N 10	11 N 53
4	15	48	0	10	19 59	0 11	20 17	1 10	11 46
7	15	47	0	10	19 57	0 12	20 19	1 10	11 38
10	15	47	0	10	19 56	0 12	20 21	1 10	11 30
13	15	46	0	10	19 54	0 12	20 23	1 9	11 21
16	15	46	0	10	19 53	0 12	20 25	1 9	11 12
19	15	46	0	10	19 52	0 13	20 27	1 8	11 4
22	15	46	0	10	19 51	0 13	20 29	1 8	10 54
25	15	46	0	10	19 49	0 13	20 32	1 7	10 44
28	15	45	0	10	19 48	0 13	20 35	1 7	10 34

D M	D W	Sideresal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	W	4 37 20	10 17 11	22 N 1	23 m 7	4 N 27	14 S 16	0 f 2
2	Th	4 41 17	11 14 36	22 9	5 f 10	3 49	17 26	0 R 0
3	F	4 45 13	12 12 12	22 17	17 6	3 11	19 51	29 m 58
4	S	4 49 10	13 9 24	22 24	28 58	2 52	21 23	29 56
5	S	4 53 6	14 6 47	22 31	10 w 46	1 42	21 58	29 53
6	M	4 57 3	15 4 9	22 38	23 34	0 S 0	21 35	29 50
7	Tu	5 0 59	16 1 30	22 44	4 m 24	1 52	20 14	29 49
8	W	5 4 56	16 58 51	22 49	16 21	2 7	17 58	29 47
9	Th	5 8 52	17 56 11	22 55	28 29	3 4	14 53	29 44
10	F	5 12 49	18 53 31	23 0	10 x 52	3 54	11 6	29 41
11	S	5 16 46	19 50 51	23 5	23 35	4 34	6 45	29 38
12	S	5 20 42	20 48 10	23 9	6 r 42	5 2	1 57	29 35
13	M	5 24 39	21 45 29	23 12	20 16	5 13	3 N 6	29 33
14	Tu	5 28 35	22 42 48	23 16	4 v 18	5 7	8 9	29 30
15	W	5 32 32	23 40 7	23 19	18 47	4 41	12 55	29 27
16	Th	5 36 29	24 37 25	23 21	3 38	3 56	17 2	29 24
17	F	5 40 25	25 34 42	23 23	18 44	2 54	20 6	29 22
18	S	5 44 21	26 32 0	23 25	3 s 56	1 39	21 45	29 20
19	S	5 48 18	27 29 17	23 26	19 4	0 17	21 49	29 18
20	M	5 52 15	28 26 33	23 27	4 Ω 0	1 N 4	20 19	29 17
21	Tu	5 56 11	29 23 49	23 28	18 36	2 20	17 29	29 16
22	W	6 0 8	0 s 21 4	23 28	2 m 48	3 25	13 41	29 15
23	Th	6 4 4	1 18 18	23 27	16 35	4 17	9 14	29 13
24	F	6 8 1	2 15 32	23 27	29 57	4 52	4 29	29 11
25	S	6 11 57	3 12 45	23 25	12 Δ 57	5 12	0 S 20	29 9
26	S	6 15 54	4 9 58	23 24	25 38	5 15	5 1	29 8
27	M	6 19 50	5 7 10	23 22	8 m 2	5 4	9 24	29 6
28	Tu	6 23 47	6 4 22	23 19	20 14	4 39	13 20	29 4
29	W	6 27 44	7 1 33	23 17	2 f 16	4 2	16 41	29 2
30	Th	6 31 40	7 58 44	23 13	14 11	3 15	19 18	29 0

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 10	24 N 14	2 S 15	7 N 31	0 S 4	20 N 56	24 27
4	1 11	24 5	2 20	8 34	0 N 28	22 31	24 17
7	1 11	23 54	2 26	9 33	0 57	23 48	24 8
10	1 11	23 41	2 29	10 36	1 21	24 40	23 58
13	1 11	23 27	2 32	11 35	1 40	25 8	23 49
16	1 11	23 10	2 33	12 35	1 52	25 10	23 39
19	1 11	22 53	2 34	13 34	1 58	24 51	23 30
22	1 11	22 35	2 33	14 32	1 57	24 12	23 20
25	1 11	22 14	2 31	15 27	1 50	23 18	23 11
28	1 11	21 52	2 28	16 23	1 37	22 10	23 1

D M	\hbar	γ	δ	ζ	η	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	γ	δ	ζ
	° /	° /	° /	° /	° /							
1	0 27	1 59	10 11	24 47	4 10							
2	0 25	2 5 10	50 25	49 6	19		δ	\odot	*	\square		δ
3	0 23	2 11 11	28 26	51 8	29		δ					
4	0 20	2 18 12	7 27	53 10	41					Δ		Δ
5	0 18	2 24 12	45 28	55 12	53						δ	
6	0 16	2 30 13	23 29	57 15	5	$\odot \delta \eta$						
7	0 13	2 37 14	1 18	0 17	17			*	\odot			\square
8	0 11	2 44 14	40 2	3 19	29		Δ					Δ
9	0 8	2 51 15	18 3	6 21	40	$\eta \Delta \gamma$		\square		δ	*	
10	0 5	2 58 15	56 4	10 23	50					Δ		
11	0 2	3 6 16	34 5	14 25	57		\square	Δ				\square
12	29 59	3 13 17	12 6	18 28	7				*			
13	29 56	3 21 17	50 7	22 0 25	14		*				\square	
14	29 53	3 28 18	29 8	27 2	19	$\eta * \gamma$			\square	Δ	\odot	*
15	29 50	3 36 19	7 9	32 4	22						*	
16	29 47	3 43 19	45 10	37 6	24			δ	Δ	\square		
17	29 43	3 51 20	23 11	42 8	24		\odot					
18	29 40	3 59 21	1 12	47 10	22				*			\odot
19	29 37	4 7 21	39 13	52 12	18					\odot	*	
20	29 34	4 15 22	18 14	58 14	12			Δ	δ			
21	29 30	4 24 22	56 16	4 16	3	$\eta * \eta$						\square
22	29 27	4 32 23	34 17	10 17	50		*	\square		\odot		
23	29 23	4 41 24	12 18	16 19	36							Δ
24	29 20	4 50 24	50 19	22 21	20		\square	*	Δ		*	
25	29 16	4 59 25	28 20	28 23	3							
26	29 13	5 8 26	7 21	34 24	44	$\eta \odot \delta$			\square		\square	\square
27	29 9	5 17 26	45 22	41 26	22	$\odot * \gamma$	Δ			*		
28	29 5	5 26 27	23 23	48 27	56	$\hbar * \hbar$					δ	
29	29 1	5 36 28	1 24	55 29	29	$\eta \Delta \hbar$		\odot	*	\square	Δ	Δ
30	28 57	5 45 28	39 26	2 1 2	0	$\delta \delta \hbar$						

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 N 10	19 S 47	0 S 14	20 S 38	1 N 6	10 N 23
4	15	45	0 10	19 46	0 14	20 41	1 6	10 12
7	15	45	0 10	19 45	0 15	20 44	1 6	10 1
10	15	46	0 10	19 44	0 15	20 46	1 6	9 49
18	15	46	0 10	19 44	0 15	20 49	1 5	9 37
16	15	46	0 10	19 43	0 15	20 52	1 5	9 25
19	15	46	0 10	19 43	0 16	20 55	1 5	9 12
22	15	46	0 10	19 42	0 16	20 58	1 5	8 59
25	15	47	0 10	19 42	0 16	21 1	1 4	8 46
28	15	47	0 10	19 41	0 16	21 4	1 4	8 32
31	15	47	0 10	19 41	0 17	21 7	1 4	8 18

D M	D W	Siderea' Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	F	6 35 37	8 55 55	23 N 10	26 1	2 N 20	21 S 5	28 58
2	S	6 39 33	9 53 6	23 6	7 49	1 18	21 56	28 56
3	S	6 43 30	10 50 17	23 1	19 38	0 14	21 48	28 55
4	M	6 47 26	11 47 28	22 56	1 29	0 S 52	20 42	28 53
5	Tu	6 51 23	12 44 39	22 51	13 25	1 56	18 39	28 52
6	W	6 55 19	13 41 50	22 45	25 19	2 55	15 47	28 50
7	Th	6 59 16	14 39 22	22 39	7 43	3 47	12 12	28 49
8	F	7 3 13	15 36 14	22 33	20 11	4 30	8 1	28 47
9	S	7 7 9	16 33 26	22 26	2 56	5 0	3 25	28 46
10	S	7 11 6	17 30 40	22 19	16 1	5 16	1 N 27	28 44
11	M	7 15 3	18 27 53	22 11	29 30	5 15	6 23	28 43
12	Tu	7 18 59	19 25 7	22 8	13 22	4 56	11 9	28 42
13	W	7 22 55	20 22 21	22 55	27 39	4 19	15 27	28 41
14	Th	7 26 53	21 19 38	21 46	12 18	3 24	18 55	28 40
15	F	7 30 48	22 16 54	21 37	27 14	2 14	21 12	28 38
16	S	7 34 45	23 14 11	21 28	12 21	0 54	21 59	28 37
17	S	7 38 42	24 11 28	21 18	27 28	0 N 30	21 10	28 36
18	M	7 42 38	25 8 46	21 8	12 28	1 51	18 51	28 35
19	Tu	7 46 35	26 6 4	20 57	27 12	3 3	15 19	28 34
20	W	7 50 32	27 3 23	20 46	11 34	4 2	10 57	28 33
21	Th	7 54 28	28 0 41	20 35	25 30	4 44	6 8	28 32
22	F	7 58 24	28 58 0	20 23	8 59	5 9	1 11	28 31
23	S	8 2 21	29 55 20	20 11	22 2	5 18	3 41	28 30
24	S	8 6 17	0 52 39	19 59	4 43	5 10	8 14	28 29
25	M	8 10 14	1 49 59	19 46	17 5	4 48	12 21	28 28
26	Tu	8 14 11	2 47 20	19 33	29 13	4 14	15 52	28 27
27	W	8 18 7	3 44 41	19 20	11 9	3 29	18 42	28 27
28	Th	8 22 4	4 42 2	19 6	23 0	2 35	20 42	28 26
29	F	8 26 0	5 39 24	18 53	4 48	1 35	21 48	28 26
30	S	8 29 57	6 36 47	18 38	16 36	0 31	21 55	28 26
31	S	8 33 53	7 34 10	18 24	28 28	0 S 35	21 3	28 25

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N11	21 N29	2 S 25	17 N11	1 N19	20 N54	22 53
4	1 11	21 3	2 21	18 0	0 56	19 31	22 42
7	1 11	20 38	2 16	18 44	0 28	18 5	22 33
10	1 11	20 18	2 10	19 24	0 S 3	16 37	22 28
13	1 11	19 42	2 4	20 2	0 37	15 10	22 14
16	1 10	19 12	2 8	20 33	1 14	13 48	22 4
19	1 10	18 42	1 49	21 4	1 54	12 32	21 55
22	1 10	18 10	1 41	21 29	2 34	11 27	21 45
25	1 10	17 37	1 33	21 48	3 14	10 35	21 36
28	1 9	17 5	1 24	22 0	3 50	9 59	21 26
31	1 9	16 30	1 15	22 12	4 22	9 44	21 17

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	28 w 53	5 w 55	29 17	27 8 9	2 22 29							
2	28 R 49	6 4	29 55	28 16	3 57	♀ ♂ ♄	♄			Δ		
3	28 45	6 14	0 33	29 23	5 21	♀ * ♈						
4	28 41	6 23	1 11	0 30	6 41			*	♄		♄	Δ
5	28 36	6 33	1 49	1 38	7 59							
6	28 32	6 43	2 27	2 46	9 16			☐				
7	28 28	6 53	3 5	3 54	10 31					♄		☐
8	28 24	7 3	3 43	5 21	11 43		Δ					
9	28 19	7 13	4 21	6 10	12 52			Δ	*		Δ	*
10	28 15	7 24	4 59	7 19	13 57	♀ ☐ ♈	☐					Δ
11	28 11	7 34	5 37	8 27	15 0				☐		☐	
12	28 7	7 44	6 15	9 35	16 0		*			Δ		☐
13	28 2	7 55	6 53	10 44	16 58			♄	Δ			
14	27 58	8 5	7 32	11 52	17 53				☐	*	♄	*
15	27 53	8 16	8 10	13 1	18 44							
16	27 49	8 27	8 48	14 10	19 30			♄	Δ	♄	*	
17	27 44	8 38	9 26	15 19	20 13						♄	♄
18	27 40	8 49	10 4	16 28	20 54						♄	*
19	27 35	9 0	10 42	17 37	21 38			☐				♄
20	27 31	9 11	11 21	18 46	22 7	☉ ♂ ♈				♄		
21	27 26	9 22	11 59	19 56	22 36			*	*	Δ		☐
22	27 22	9 33	12 37	21 5	22 59	☉ Δ ♄					*	
23	27 17	9 44	13 15	22 15	23 18				☐			Δ
24	27 13	9 55	13 52	23 24	23 33	♄ * ♄	☐			*		
25	27 8	10 7	14 30	24 34	23 44						☐	
26	27 4	10 18	15 8	25 44	23 50		Δ	♄	*			☐
27	27 0	10 30	15 46	26 54	23 51					☐	Δ	
28	26 55	10 42	16 24	28 4	23 45						♄	Δ
29	26 51	10 53	17 2	29 14	23 33							
30	26 47	11 5	17 40	0 24	23 18				Δ			
31	26 42	11 17	18 18	1 34	23 1			*	♄			

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 9	19 S 40	0 S 17	21 S 7	1 N 4	8 N 15
4	15	47	0 9	19 40	0 17	21 10	1 4	8 1
7	15	48	0 9	19 40	0 17	21 13	1 4	7 47
10	15	48	0 9	19 41	0 17	21 15	1 4	7 33
13	15	49	0 9	19 41	0 18	21 18	1 3	7 19
16	15	49	0 9	19 41	0 18	21 20	1 3	7 5
19	15	50	0 9	19 42	0 18	21 22	1 3	6 50
22	15	50	0 9	19 42	0 18	21 24	1 3	6 35
25	15	51	0 9	19 43	0 18	21 26	1 3	6 20
28	15	51	0 9	19 43	0 18	21 28	1 3	6 5
31	15	52	0 9	19 44	0 18	21 30	1 3	5 50

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	8 37 50	8 23 31 35	18 N 9	10 m 28	1 S 39	19 S 14	28 m 25
2	Tu	8 41 46	9 29 0 17	54 22 33	2 40 16	32	28 R 25	
3	W	8 45 43	10 26 26 17	38 4 x 48	3 34 13	5	28 24	
4	Th	8 49 40	11 23 53 17	23 17 16	4 19 9	1	28 24	
5	F	8 53 36	12 21 22 17	7 29 56	4 52 4	30	28 24	
6	S	8 57 33	13 18 52 16	50 12 r 50	5 11 0	N 18	28 24	
7	S	9 1 29	14 16 23 16	34 26 0	5 14 5	10	28 D 24	
8	M	9 5 26	15 13 55 16	17 9 x 28	5 1 9	54	28 24	
9	Tu	9 9 22	16 11 29 16	0 23 13	4 29 14	15	28 25	
10	W	9 13 19	17 9 5 15	43 7 17	3 42 17	54	28 25	
11	Th	9 17 15	18 6 42 15	25 21 39	2 39 20	33	28 25	
12	F	9 21 12	19 4 21 15	7 6 s 16	1 25 21	54	28 26	
13	S	9 25 9	20 2 1 14	49 21 4	0 5 21	44	28 26	
14	S	9 29 52	20 59 42 14	31 5 Q 56	1 N 16 20	2	28 26	
15	M	9 33 21	21 57 25 14	12 20 46	2 32 16	59	28 27	
16	Tu	9 36 58	22 55 10 13	53 5 m 25	3 38 12	53	28 27	
17	W	9 40 55	23 52 55 13	34 19 46	4 25 8	7	28 28	
18	Th	9 44 51	24 50 41 13	15 3 s 45	4 57 3	3	28 28	
19	F	9 48 48	25 48 29 12	56 17 18	5 11 28	0	28 29	
20	S	9 52 44	26 46 18 12	36 0 m 26	5 9 6	49	28 30	
21	S	9 56 41	27 44 8 12	16 13 9	4 51 11	11	28 30	
22	M	10 0 38	28 41 59 11	56 25 32	4 19 14	58	28 31	
23	Tu	10 4 34	29 39 52 11	36 7 f 39	3 37 18	2	28 32	
24	W	10 8 31	0 m 37 45 11	16 19 34	2 46 20	18	28 33	
25	Th	10 12 27	1 35 40 10	55 1 v 23	1 48 21	39	28 34	
26	F	10 16 24	2 33 36 10	35 13 11	0 46 22	3	28 35	
27	S	10 20 20	3 31 34 10	13 25 2	0 S 19 21	27	28 36	
28	S	10 24 17	4 29 33 9	52 6 m 59	1 23 19	53	28 37	
29	M	10 28 13	5 27 33 9	31 19 6	2 24 17	23	28 38	
30	Tu	10 32 10	6 25 35 9	10 1 x 26	3 19 14	5	28 39	
31	W	10 36 6	7 23 38 8	48 13 58	4 5 10	5	28 40	

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	1 N 9	16 N 16	1 S 12	22 N 14	4 S 30	9 N 44	21 5 18
4	1 8	15 39	1 8	22 14	4 48	10 0	21 3
7	1 8	15 2	0 54	22 12	4 52	10 37	20 54
10	1 8	14 24	0 45	22 1	4 40	11 32	20 44
13	1 8	13 44	0 35	21 49	4 11	12 38	20 35
16	1 7	13 4	0 26	21 26	3 29	13 45	20 25
19	1 7	12 24	0 16	21 3	2 39	14 46	20 16
22	1 6	11 42	0 7	20 30	1 45	15 31	20 6
25	1 6	11 1	0 N 2	19 56	0 52	15 55	19 57
28	1 5	10 20	0 12	19 11	0 5	15 53	19 47
31	1 5	9 36	0 20	18 31	0 N 36	15 23	19 38

D M	♈		♉		♊		♋		♌		Mutual Aspts.	Lunar Aspects.										
	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.		☉	☾	♈	♉	♊	♋	♌	♍	♎	♏	
1	26	W 38	11	W 29	18	Ω 56	2	Ω 44	22	Ω 35		♂										
2	26	R 33	11		41	19	34	8	54	22	R 9		☐						♂		♂	
3	26		29	11	53	20	12	5	52	1	34									Δ		
4	26		25	12	5	20	50	6	15	20	53	♂ ♂ ♂							♂			
5	26		21	12	17	21	28	7	26	20	10			Δ	*							
6	26		17	12	29	22	6	8	37	19	26		Δ								☐	Δ
7	26		13	12	41	22	44	9	48	18	40					☐			Δ		☐	Δ
8	26		9	12	53	23	23	10	59	17	53		☐				Δ			*		☐
9	26		5	13	3	24	1	12	10	17	4	♀ * ♀		♂		Δ			☐		☐	☐
10	26		1	13	17	24	39	13	21	16	14	☉ ♂ ♀					☐					
11	25		57	13	29	25	17	14	32	15	27			*					*		*	
12	25		53	13	41	25	55	15	43	14	43							*				
13	25		49	13	54	26	33	16	54	14	1				Δ	♂				♂		
14	25		45	14	6	27	12	18	5	13	23										♂	
15	25		41	14	19	27	50	19	17	12	50			♂								♂
16	25		38	14	31	28	28	20	28	12	22	♂ ☐ ♀				☐			♂		♂	
17	25		34	14	44	29	8	21	40	12	1						Δ	♂		*		
18	25		30	14	56	29	44	22	52	11	47				*						*	
19	25		27	15	9	0	W 22	24	4	11	39										*	
20	25		24	15	21	1	1	25	15	11	D 39	♀ ♂ ♀	*			☐			*	☐		☐
21	25		20	15	34	1	39	26	27	11	47							*				☐
22	25		17	15	47	2	17	27	39	12	3	☉ ☐ ♀		☐	♂	*		*			Δ	☐
23	25		13	15	59	2	55	28	51	12	27	♀ Δ ♀								☐		Δ
24	25		10	16	12	3	33	0	Ω 3	12	59								☐			
25	25		7	16	25	4	11	1	15	13	38		Δ							Δ		
26	25		4	16	37	4	50	2	27	14	24							Δ				
27	25		1	16	50	5	28	3	39	15	18				*	♂						
28	24		58	17	3	6	6	4	51	16	20										♂	
29	24		55	17	16	6	45	6	3	17	28											♂
30	24		52	17	29	7	23	7	16	18	42		♂	☐								♂
31	24		49	17	42	8	1	8	28	20	2									♂	♂	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	54	0 N 9	19 S 44	0 S 19	21 S 30	1 N 3	5 N 45
4	15	54	0 9	19 46	0 19	21 32	1 3	5 30
7	15	55	0 9	19 47	0 19	21 33	1 3	5 15
10	15	56	0 9	19 48	0 19	21 34	1 3	5 0
13	15	57	0 9	19 49	0 20	21 35	1 3	4 44
16	15	57	0 9	19 50	0 20	21 36	1 3	4 29
19	15	58	0 9	19 51	0 20	21 37	1 4	4 14
22	15	59	0 9	19 52	0 20	21 38	1 4	3 59
25	16	0	0 9	19 54	0 20	21 38	1 4	3 43
28	16	0	0 9	19 57	0 20	21 38	1 4	3 28

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♃ Long. ° ' "	♃ Lat. ° ' "	♃ Declin ° ' "	♃ Long. ° ' "
1	Th	10 40 3	8 ^m 21 43	8 N 27	26 ^m 44	4 S 40	5 S 35	28 ^m 41
2	F	10 44 0	9 19 50	8 5	9 ^r 43	5 1	0 46	28 42
3	S	10 47 56	10 17 59	7 43	22 55	5 7	4 N 10	28 43
4	S	10 51 53	11 16 9	7 21	6 ^r 20	4 56	8 59	28 44
5	M	10 55 49	12 14 22	6 59	19 56	4 29	13 25	28 45
6	Tu	10 59 46	13 12 37	6 36	3 ^h 43	3 45	17 14	28 46
7	W	11 3 42	14 10 54	6 14	17 41	2 48	20 6	28 48
8	Th	11 7 39	15 9 13	5 51	1 ^h 49	1 40	21 47	28 50
9	F	11 11 35	16 7 35	5 29	16 6	0 24	22 5	28 52
10	S	11 15 32	17 5 58	5 6	0 ^h 31	0 N 52	20 55	28 54
11	S	11 19 29	18 4 24	4 43	14 59	2 6	18 22	28 56
12	M	11 23 25	19 2 52	4 20	29 26	3 12	14 40	28 58
13	Tu	11 27 22	20 1 21	3 57	13 ^m 47	4 5	10 9	29 0
14	W	11 31 18	20 59 53	3 34	27 56	4 42	5 8	29 2
15	Th	11 35 15	21 58 27	3 11	11 ^h 47	5 1	0 S 3	29 4
16	F	11 39 11	22 57 2	2 48	25 16	5 3	5 5	29 6
17	S	11 43 8	23 55 39	2 25	8 ^m 22	4 48	9 45	29 8
18	S	11 47 4	24 54 18	2 2	21 6	4 20	13 52	29 10
19	M	11 51 1	25 52 58	1 38	3 ^r 29	3 40	17 16	29 12
20	Tu	11 54 58	26 51 40	1 15	15 36	2 51	19 51	29 14
21	W	11 58 54	27 50 24	0 52	27 32	1 55	21 31	29 16
22	Th	12 2 51	28 49 9	0 28	9 ^r 21	0 54	22 14	29 18
23	F	12 6 47	29 47 56	0 5	21 9	0 S 8	21 56	29 20
24	S	12 10 44	0 ^h 46 45	0 S 19	3 ^m 2	1 11	20 39	29 22
25	S	12 14 40	1 45 36	0 42	15 3	2 11	18 25	29 24
26	M	12 18 37	2 44 28	1 5	27 18	3 6	15 20	29 26
27	Tu	12 22 33	3 43 22	1 29	9 ^m 50	3 53	11 29	29 28
28	W	12 26 30	4 42 19	1 52	22 38	4 30	7 3	29 31
29	Th	12 30 27	5 41 17	2 16	5 ^r 45	4 53	2 12	29 34
30	F	12 34 23	6 40 17	2 39	19 8	5 1	2 N 51	29 37

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Noda.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 5	9 N 21	0 N 22	18 N 12	0 N 48	15 N 7	19 35
4	1 4	8 37	0 30	17 16	1 16	14 0	19 25
7	1 8	7 52	0 38	16 22	1 36	12 27	19 16
10	1 2	7 8	0 45	15 18	1 46	10 35	19 6
13	1 2	6 22	0 52	14 16	1 49	8 30	18 57
16	1 1	5 37	0 59	13 5	1 45	6 15	18 47
19	1 1	4 51	1 5	11 54	1 37	3 55	18 38
22	1 0	4 6	1 10	10 42	1 23	1 32	18 28
25	1 0	3 18	1 15	9 21	1 9	0 48	18 19
28	0 59	2 31	1 20	8 13	0 51	3 8	18 9

D	h	♈	♉	♊	♋	♌	♍	♎	Mutual	Lunar Aspects.						
M	Long.	Long.	Long.	Long.	Long.	Aspts.	♈	♉	♊	♋	♌	♍	♎			
1	24 47	17 55	8 39	9 41	21 28	♈♉♊		Δ	*							
2	24 44	18 8	9 17	10 53	22 56								Δ			
3	24 42	18 21	9 56	12 6	24 30				□					Δ		
4	24 40	18 34	10 34	13 19	26 12			Δ				Δ				
5	24 37	18 47	11 13	14 32	27 56					Δ	Δ		□			
6	24 35	19 0	11 51	15 45	29 41	♉♊♋		♉								
7	24 33	19 13	12 29	16 58	1 27	♉♊♋	□			□	□	*				
8	24 31	19 25	13 7	18 11	3 15			*			*	*		*		
9	24 29	19 38	13 46	19 24	5 6			*			*	*				
10	24 28	19 51	14 24	20 37	6 59			Δ	♉							
11	24 26	20 4	15 2	21 50	8 52	♈♉♊		□					♈			
12	24 24	20 17	16 41	23 3	10 45											
13	24 23	20 30	16 19	24 17	12 38		♈♉♊	♈			♈	♈		♈		
14	24 22	20 43	16 57	25 30	14 31			*	Δ		♈	♈		♈		
15	24 20	20 56	17 36	26 44	16 25											
16	24 19	21 9	18 14	27 57	18 18	♉♊♋			□			*				
17	24 17	21 22	18 52	29 11	20 10	♉♊♋										
18	24 16	21 35	19 31	0 24	22 2	♈♉♊	*		*	*	*		*			
19	24 15	21 48	20 9	1 38	23 53	♉♊♋	♈					□				
20	24 14	22 1	20 48	2 51	25 43			♈				□				
21	24 13	22 14	21 26	4 5	27 32	♈♉♊	□			□						
22	24 12	22 27	22 5	5 19	29 20	♉♊♋						Δ				
23	24 12	22 40	22 43	6 83	1 7	♈♉♊			♈	Δ	Δ					
24	24 11	22 53	23 7	7 47	2 54	♉♊♋	Δ	*								
25	24 11	23 6	24 0	9 1	4 40	♈♉♊										
26	24 11	23 19	24 8	10 15	6 25	♈♉♊		□					♉			
27	24 10	23 32	25 18	11 29	8 9											
28	24 10	23 45	25 56	12 43	9 53			Δ	*	♉	♉					
29	24 10	23 58	26 35	13 57	11 35			♉								
30	24 11	24 11	27 13	15 11	13 16		♈♉♊		□							

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 8	19 S 59	0 S 21	21 S 38	1 N 4	3 N 13
4	16	1	0 8	20 1	0 21	21 38	1 4	2 58
7	16	2	0 8	20 3	0 21	21 38	1 5	2 43
10	16	3	0 8	20 4	0 21	21 38	1 5	2 28
13	16	4	0 8	20 5	0 21	21 37	1 5	2 14
16	16	5	0 8	20 7	0 21	21 36	1 5	2 0
19	16	5	0 8	20 9	0 21	21 35	1 6	1 45
22	16	6	0 8	20 10	0 21	21 34	1 6	1 30
25	16	7	0 8	20 12	0 22	21 33	1 6	1 16
28	16	7	0 8	20 14	0 22	21 32	1 6	1 2
31	16	8	0 8	20 16	0 22	21 30	1 7	0 45

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	S	12 38 20	7 39 19	3 S 3	2 5 44	4 S 52	7 N 52	29 40
2	S	12 42 16	8 38 24	3 26	16 32	4 26	12 33	29 42
3	M	12 46 13	9 37 30	3 49	0 12 28	3 44	16 37	29 45
4	Tu	12 50 9	10 36 39	4 12	14 28	2 48	19 46	29 47
5	W	12 54 6	11 35 51	4 35	28 31	1 42	21 45	29 50
6	Th	12 58 2	12 35 5	4 59	12 36	0 29	22 23	29 53
7	F	13 1 59	13 34 21	5 22	26 42	0 N 45	21 35	29 55
8	S	13 5 55	14 33 40	5 45	10 48	1 57	19 25	29 56
9	S	13 9 52	15 33 1	6 8	24 53	3 11	6 5	0 1
10	M	13 13 49	16 32 24	6 30	8 55	3 54	11 51	0 5
11	Tu	13 17 45	17 31 50	6 53	22 50	4 33	7 1	0 8
12	W	13 21 42	18 31 18	7 16	6 35	4 55	1 54	0 11
13	Th	13 25 39	19 30 48	7 39	20 7	5 0	3 S 14	0 14
14	F	13 29 35	20 30 20	8 1	3 22	4 48	8 7	0 17
15	S	13 33 32	21 29 54	8 23	16 19	4 23	12 32	0 20
16	S	13 37 28	22 29 30	8 46	28 57	3 44	16 18	0 23
17	M	13 41 24	23 29 8	9 8	11 18	2 55	19 16	0 26
18	Tu	13 45 21	24 28 48	9 30	23 23	2 0	21 18	0 29
19	W	13 49 18	25 28 29	9 52	5 18	1 0	22 22	0 32
20	Th	13 53 14	26 28 13	10 13	17 6	0 S 22	25 0	0 36
21	F	13 57 11	27 27 58	10 35	28 54	1 5	21 27	0 39
22	S	14 1 7	28 27 44	10 56	10 47	2 5	19 33	0 42
23	S	14 5 4	29 27 33	11 18	22 50	3 0	16 45	0 46
24	M	14 9 0	0 27 23	11 39	5 8	3 48	13 10	0 49
25	Tu	14 12 57	1 27 14	11 59	17 45	4 26	8 58	0 53
26	W	14 16 53	2 27 8	12 20	0 41	4 51	4 9	0 56
27	Th	14 20 50	3 27 3	12 41	14 6	5 2	0 N 56	0 59
28	F	14 24 47	4 27 0	13 1	27 50	4 58	6 7	1 2
29	S	14 28 43	5 26 59	13 21	11 51	4 31	11 6	1 5
30	S	14 32 40	6 27 0	13 41	26 0	3 50	15 34	1 9
31	M	14 36 36	7 27 3	14 1	10 26	2 54	19 10	1 13

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 58	1 N 44	1 N 22	6 N 38	0 N 32	5 S 24	18 ⁵⁵ 0
4	0 57	0 57	1 25	5 18	0 12	7 36	17 50
7	0 56	0 10	1 28	3 48	0 S 9	9 43	17 41
10	0 55	0 S 37	1 30	2 21	0 30	11 45	17 31
13	0 55	1 24	1 31	0 52	0 50	13 40	17 22
16	0 54	2 11	1 31	0 S 36	1 11	15 29	17 12
19	0 53	2 58	1 31	2 6	1 30	17 11	17 3
22	0 52	3 45	1 30	3 30	1 48	18 44	16 53
25	0 51	4 32	1 29	5 3	2 5	20 9	16 44
28	0 50	5 16	1 27	6 36	2 20	21 25	16 34
31	0 49	6 0	1 24	8 9	2 32	22 30	16 25

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	24 w 11	24 w 23	27 w 52	16 w 26	14 Δ 57								
2	24 11	24 36	28 30	17 40	16 37								
3	24 12	24 49	29 8	18 54	18 16			♂	Δ	Δ	Δ	Δ	
4	24 12	25 2	29 48	20 8	19 54		Δ						
5	24 12	25 14	0 Δ 27	21 23	21 31	♂ * ♃				□	□	□	Δ
6	24 13	25 27	1 6	22 37	23 7	♀ □ ♄	□						
7	24 13	25 39	1 45	23 52	24 43	♀ Δ ♄	*	Δ	♂	*	*	*	□
8	24 14	25 52	2 23	25 6	26 18		*						
9	24 15	26 5	3 2	26 21	27 52		□						*
10	24 16	26 17	3 41	27 35	29 26								
11	24 18	26 30	4 20	28 50	0 m 59				Δ	♄			
12	24 19	26 43	4 59	0 Δ 4	2 31		*			♄	♄		
13	24 21	26 55	5 38	1 19	4 2	♀ * ♃	♄	*	□				
14	24 22	27 7	6 17	2 33	5 33								♄
15	24 24	27 20	6 56	3 48	7 3								
16	24 26	27 32	7 35	5 2	8 33			♄	*	*			
17	24 27	27 44	8 14	6 17	10 2						*	*	
18	24 29	27 57	8 53	7 32	11 30	☉ □ ♄	*			□			
19	24 31	28 9	9 32	8 47	12 57	♀ ☿ ♄					□	□	*
20	24 33	28 21	10 11	10 2	14 23								
21	24 35	28 33	10 50	11 17	15 49		□	*	♄	Δ			
22	24 37	28 45	11 29	12 32	17 15			*			Δ	Δ	
23	24 40	28 57	12 8	13 47	18 40								□
24	24 42	29 9	12 47	15 2	20 4		Δ	□					
25	24 45	29 21	13 27	16 17	21 26								Δ
26	24 47	29 33	14 6	17 32	22 47			Δ	*	♄			
27	24 50	29 45	14 45	18 47	24 8	♀ * ♄					♄	♄	
28	24 53	29 57	15 24	20 2	25 29					□			
29	24 56	0 Δ 8	16 3	21 17	26 49		♄						
30	24 59	0 20	16 42	22 32	28 7			♄	Δ	Δ			♄
31	25 2	0 32	17 21	23 47	29 22								

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 8	20 S 18	0 S 22	21 S 30	1 N 7	0 N 45
4	16	10	0 8	20 21	0 22	21 28	1 7	0 32
7	16	11	0 8	20 24	0 22	21 26	1 8	0 18
10	16	12	0 8	20 26	0 22	21 24	1 8	0 5
13	16	12	0 8	20 27	0 22	21 22	1 9	0 S 7
16	16	13	0 8	20 29	0 22	21 20	1 9	0 18
19	16	14	0 8	20 31	0 23	21 17	1 10	0 30
22	16	14	0 8	20 33	0 23	21 15	1 10	0 41
25	16	15	0 8	20 35	0 23	21 12	1 11	0 53
28	16	15	0 8	20 38	0 23	21 9	1 11	1 3

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin. ° ' "	♃ Long. ° ' "
1	Tu	14 40 33	8 ^m 27	8 14 S 20	24 11 52	1 S 46	21 N 35	1 16
2	W	14 44 29	9 27 15	14 39	9 51 13	0 32	22 37	1 19
3	Th	14 48 26	10 27 24	14 58	23 29	0 N 44	22 8	1 23
4	F	14 52 22	11 27 36	15 17	7 02 37	1 57	20 16	1 27
5	S	14 56 19	12 27 49	15 36	21 37	3 17	11	1 30
6	S	15 0 16	13 28 51	15 54	5 ^m 27	3 55	13 10	1 34
7	M	15 4 12	14 28 23	16 12	19 8	4 34	8 30	1 37
8	Tu	15 8 9	15 28 43	16 30	2 39	4 58	3 30	1 41
9	W	15 12 51	16 29 51	16 47	15 59	5 5	1 S 36	1 45
10	Th	15 16 21	17 29 29	17 42	29 7	4 55	6 34	1 49
11	F	15 19 58	18 29 54	17 21	12 ^m 1	4 31	11 10	1 52
12	S	15 23 55	19 30 22	17 38	24 42	3 53	15 11	1 55
13	S	15 27 51	20 30 51	17 54	7 8	3 51	18 29	1 59
14	M	15 31 48	21 31 21	18 10	19 21	2 9	20 53	2 2
15	Tu	15 35 44	22 31 53	18 25	1 ^w 22	1 8	22 19	2 6
16	W	15 39 41	23 32 27	18 41	13 14	0 42	22 44	2 9
17	Th	15 43 38	24 33 218	18 56	25 2	0 S 59	22 7	2 13
18	F	15 47 34	25 33 38	19 10	6 ^m 49	2 0	20 31	2 16
19	S	15 51 31	26 34 15	19 24	18 40	2 56	18 2	2 20
20	S	15 55 27	27 34 54	19 38	0 ^x 41	3 46	14 45	2 24
21	M	15 59 24	28 35 33	19 52	12 57	4 28	10 47	2 28
22	Tu	16 3 20	29 36 14	20 5	25 34	4 54	6 16	2 31
23	W	16 7 17	0 ⁷ 36 56	20 18	8 ^r 34	5 9	1 19	2 35
24	Th	16 11 13	1 37 39	20 30	22 1	5 7	3 N 50	2 38
25	F	16 15 10	2 38 23	20 43	5 53	4 47	8 58	2 42
26	S	16 19 7	3 39 8	20 54	20 9	4 10	13 47	2 46
27	S	16 23 3	4 39 54	21 5	4 ¹¹ 44	3 15	17 54	2 49
28	M	16 27 0	5 40 42	21 16	19 32	2 7	20 57	2 53
29	Tu	16 30 56	6 41 31	21 27	4 ⁵⁵ 23	0 49	22 34	2 57
30	W	16 34 53	7 42 21	21 37	19 10	0 N 31	22 37	3 1

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 48	6 S 20	1 N 23	8 S 25	2 S 35	22 S 49	16 21
4	0 47	7 5	1 19	9 50	2 42	23 39	16 11
7	0 46	7 51	1 16	11 11	2 45	24 16	16 2
10	0 45	8 36	1 12	12 30	2 41	24 39	15 52
13	0 44	9 20	1 7	13 48	2 29	24 44	15 43
16	0 42	10 3	1 2	15 7	2 7	24 31	15 33
19	0 41	10 47	0 56	16 13	1 33	23 55	15 24
22	0 40	11 27	0 50	17 18	0 44	22 54	15 14
25	0 39	12 12	0 44	18 22	0 N 15	21 27	15 5
28	0 37	12 52	0 37	19 19	1 15	19 46	14 55

D M	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌
	° /	° /	° /	° /	° /							
1	25 5	0 43	18 1	25 2	0 36	☿ ☐ $\frac{1}{2}$				☐		Δ
2	25 8	0 55	18 40	26 17	1 49	☿ ☐ $\frac{1}{4}$	Δ					Δ
3	25 12	1 6	19 19	27 32	3 0	☿ * $\frac{1}{4}$			♈		☐	☐
4	25 15	1 18	19 59	28 47	4 9		☐	Δ		*		Δ
5	25 19	1 29	20 38	0 3	5 16						*	
6	25 22	1 40	21 18	1 8	6 21	* $\frac{1}{4}$		☐				* ☐
7	25 26	1 51	21 57	2 34	7 23		*		Δ			*
8	25 30	2 2	22 36	3 49	8 23			*		♈		*
9	25 34	2 13	23 16	5 4	9 17						♈	
10	25 38	2 24	23 55	6 20	10 7				☐		♈	
11	25 42	2 34	24 35	7 35	10 52							♈
12	25 46	2 45	25 14	8 50	11 33		♈		*			♈
13	25 50	2 56	25 54	10 6	12 10	♈ ☐ $\frac{1}{2}$		♈		*		♈
14	25 54	3 7	26 33	11 21	12 40							
15	25 58	3 17	27 13	12 36	13 2					☐	*	
16	26 3	3 28	27 53	13 52	13 16							*
17	26 7	3 38	28 32	15 7	13 22			*		♈		☐
18	26 11	3 48	29 12	16 22	13 19			*		Δ		
19	26 16	3 58	29 52	17 38	13 6	☉ * $\frac{1}{2}$						☐ *
20	26 21	4 8	0 31	18 53	12 42		☐	☐			Δ	
21	26 26	4 18	1 11	20 9	12 7							☐
22	26 31	4 28	1 51	21 24	11 22		Δ		*			Δ
23	26 36	4 38	2 31	22 40	10 28		Δ			♈		Δ
24	26 41	4 47	3 11	23 55	9 23				☐			
25	26 46	4 57	3 51	25 11	8 10	☉ ☐ $\frac{1}{4}$					♈	
26	26 51	5 7	4 30	26 26	6 52					Δ		♈
27	26 56	5 16	5 10	27 42	5 30	☉ ☐ $\frac{1}{4}$	♈	♈		Δ		♈
28	27 2	5 25	5 50	28 57	4 7	☉ * $\frac{1}{4}$					Δ	
29	27 7	5 34	6 30	0 13	2 47							
30	27 11	5 43	7 10	1 28	1 31	☿ ☐ $\frac{1}{4}$						

DECEMBER XXXI DAYS.

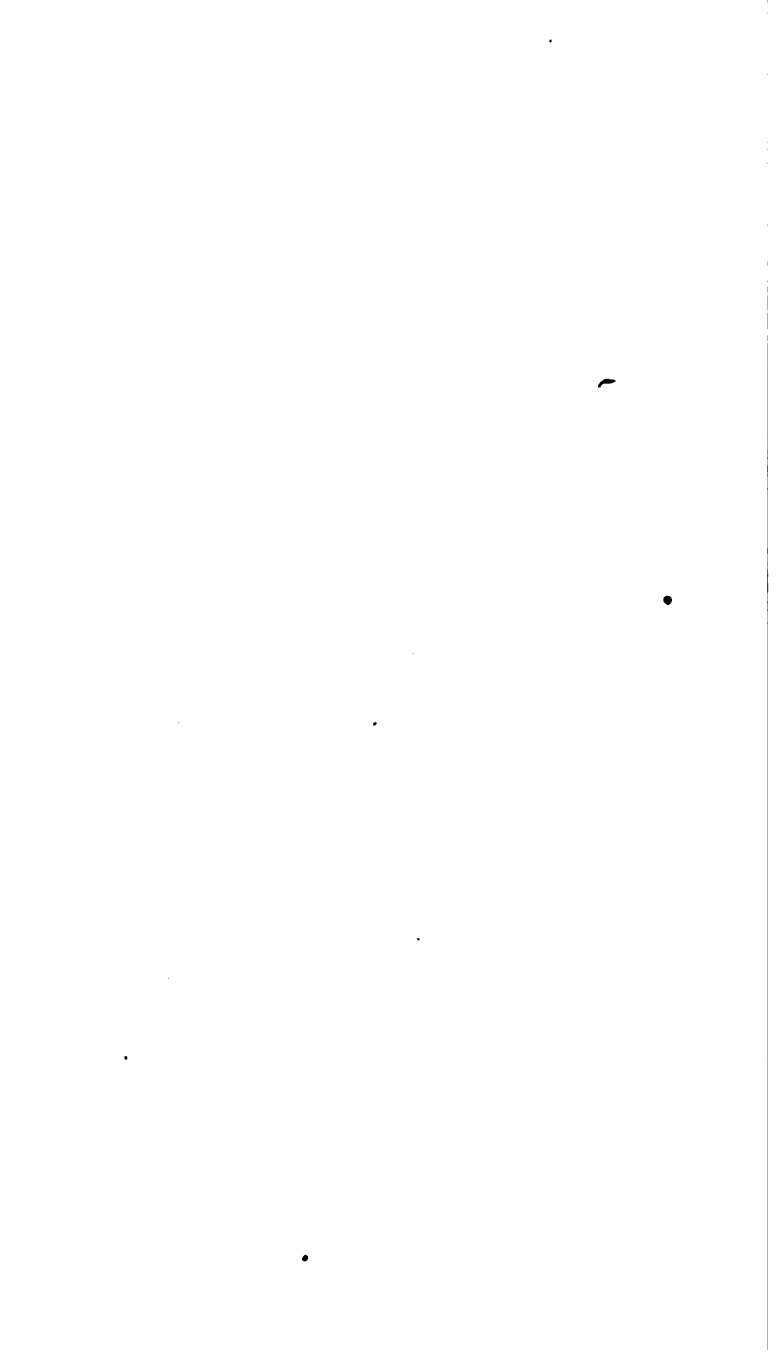
D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16 15	0 N 8	20 S 40	0 S 23	21 S 6	1 N 12	1 S 13
4	16 15	0 8	20 42	0 23	21 3	1 13	1 23
7	16 16	0 8	20 45	0 24	21 0	1 14	1 32
10	16 16	0 8	20 47	0 24	20 57	1 14	1 41
13	16 16	0 8	20 49	0 24	20 53	1 15	1 49
16	16 16	0 8	20 51	0 24	20 49	1 15	1 57
19	16 17	0 8	20 53	0 24	20 45	1 16	2 4
22	16 17	0 8	20 54	0 24	20 41	1 17	2 11
25	16 17	0 8	20 56	0 24	20 37	1 18	2 17
28	16 17	0 8	20 58	0 24	20 33	1 18	2 23
31	16 17	0 8	21 0	0 24	20 29	1 19	2 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	16 38 49	8 43 13	21 S 47	3 Ω 48	1 N 49	21 N 5	3 4 5
2	F	16 42 46	9 44 6	21 56	18 12	2 59	18 13	3 9
3	S	16 46 43	10 45 12	22 5	2 ω 19	3 56	14 20	3 12
4	S	16 50 39	11 45 57	22 13	16 8	4 39	9 45	3 16
5	M	16 54 36	12 46 55	22 21	29 40	5 4	4 47	3 20
6	Tu	16 58 32	13 47 53	22 29	12 Δ 56	5 13	0 S 18	3 24
7	W	17 2 29	14 48 53	22 36	25 56	5 6	5 16	3 27
8	Th	17 6 25	15 49 54	22 48	8 ♄ 43	4 43	9 56	3 31
9	F	17 10 22	16 50 56	22 49	21 16	4 7	14 7	3 35
10	S	17 14 18	17 52 02	22 55	3 ♃ 39	3 20	17 38	3 38
11	S	17 18 15	18 53 42	23 0	15 50	3 24	20 19	3 42
12	M	17 22 12	19 54 9	23 5	27 53	1 23	22 4	3 45
13	Tu	17 26 8	20 55 15	23 9	9 ♃ 48	0 18	22 48	3 49
14	W	17 30 5	21 56 21	23 13	21 37	0 S 47	22 30	3 52
15	Th	17 34 1	22 57 28	23 17	3 ♄ 24	1 50	21 12	3 56
16	F	17 37 58	23 58 35	23 20	15 11	2 49	18 59	4 0
17	S	17 41 54	24 59 43	23 22	27 3	3 40	15 57	4 3
18	S	17 45 51	26 0 51	23 24	9 ♃ 3	4 33	12 15	4 7
19	M	17 49 47	27 1 59	23 26	21 17	4 55	7 58	4 10
20	Tu	17 53 44	28 3 7	23 27	3 ♃ 48	5 13	3 16	4 14
21	W	17 57 41	29 4 15	23 28	16 42	5 17	1 N 42	4 17
22	Th	18 1 37	0 ω 5	23 28	0 S 2	5 4	6 45	4 21
23	F	18 5 33	1 6 32	23 27	13 50	4 33	11 40	4 24
24	S	18 9 30	2 7 41	23 27	28 5	3 45	16 6	4 27
25	S	18 13 27	3 8 49	23 26	12 ♄ 44	2 40	19 42	4 31
26	M	18 17 24	4 9 58	23 24	27 43	1 21	22 2	4 34
27	Tu	18 21 21	5 11 6	23 22	12 S 51	0 1	22 50	4 38
28	W	18 25 18	6 12 15	23 19	28 1	1 N 23	21 56	4 41
29	Th	18 29 15	7 13 25	23 16	13 Ω 3	2 39	19 28	4 44
30	F	18 33 12	8 14 34	23 12	27 49	3 44	15 45	4 47
31	S	18 37 9	9 15 44	23 8	12 ♃ 13	4 33	11 11	4 50

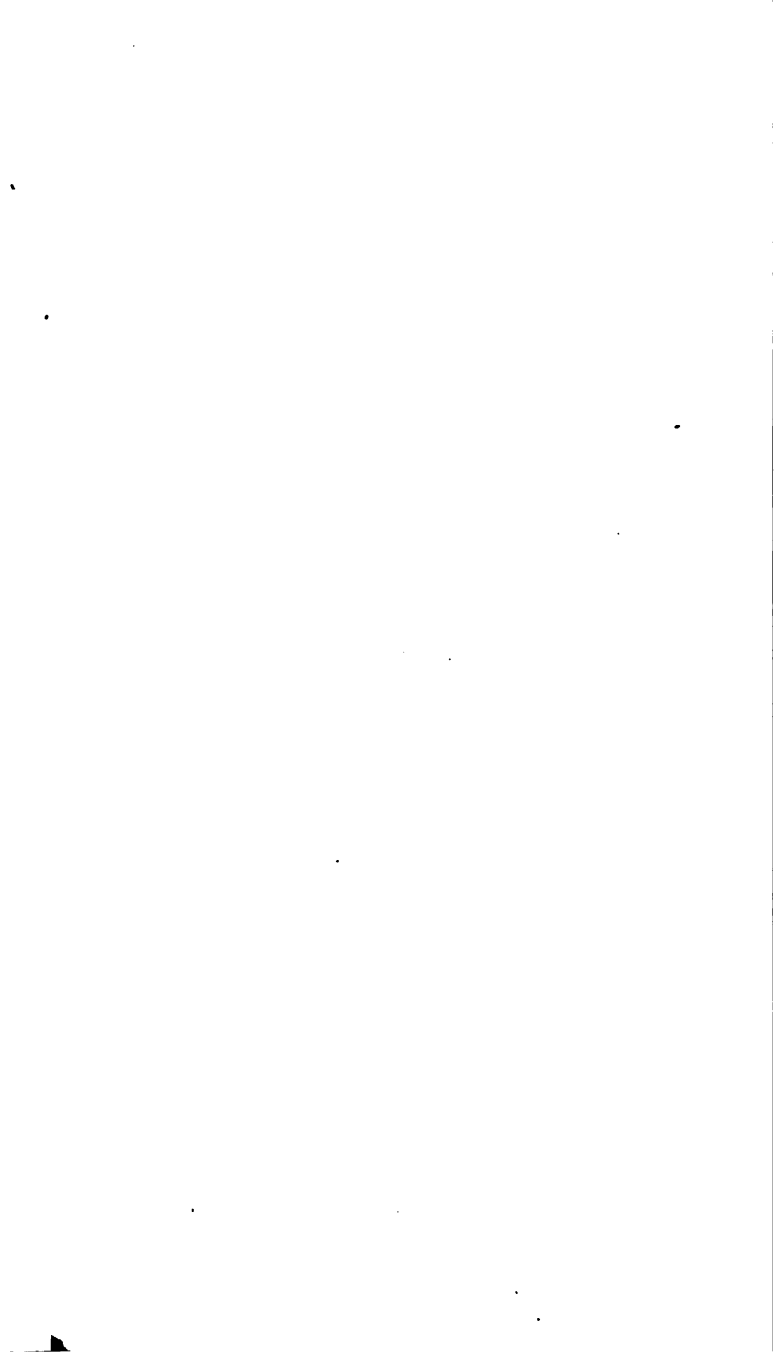
DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 36	13 S 34	0 N 30	20 S 14	2 N 4	18 S 14	14 46
4	0 34	14 13	0 23	20 57	2 34	17 13	14 37
7	0 33	14 52	0 16	21 44	2 45	16 52	14 27
10	0 31	15 34	0 9	22 28	2 42	17 4	14 18
13	0 30	16 7	0 2	22 52	2 29	17 42	14 8
16	0 28	16 44	0 S 5	23 18	2 11	18 34	13 59
19	0 27	17 18	0 12	23 35	1 43	19 32	13 49
22	0 25	17 51	0 19	23 48	1 25	20 31	13 40
25	0 24	18 24	0 26	23 52	1 0	21 27	13 30
28	0 23	18 54	0 33	23 51	0 36	22 17	13 21
31	0 21	19 24	0 40	23 39	0 13	23 0	13 11

D M	\hbar Long.	λ Long.	δ Long.	ζ Long.	ζ Long.	Mutual Aspts.	Lunar Aspects.					
	° /	° /	° /	° /	° /		\odot	\lrcorner	\hbar	λ	δ	ζ
	° /	° /	° /	° /	° /							
1	27 v 18	5 a 52	7 m 50	2 f 44	0 f 22	$\zeta \odot \lrcorner$	Δ	Δ	*	\square	Δ	Δ
2	27 23	6 1 8	30 3	59 29 m 16								
3	27 29	6 10 9	10 5	15 28 B 27				\square			\square	\square
4	27 34	6 18 9	50 6	30 27 55	$\zeta * \lambda$	$\zeta * \hbar$	\square			*		
5	27 40	6 26 10	30 7	46 27 31	$\zeta * \hbar$			*	Δ			*
6	27 46	6 34 11	10 9	1 27 15			*			\odot	*	
7	27 52	6 42 11	50 10	17 27 D 8					\square			
8	27 58	6 50 12	31 11	32 27 11						\odot		
9	28 4	6 58 13	11 12	48 27 26								
10	28 10	7 5 13	51 14	3 27 53				\odot	*	*		\odot
11	28 16	7 13 14	31 15	19 28 26	$\zeta * \hbar$	\odot						\odot
12	28 22	7 21 15	11 16	34 29 4								
13	28 28	7 28 15	51 17	50 29 48						\square		
14	28 34	7 35 16	32 19	5 0 f 38						*		*
15	28 40	7 42 17	12 20	21 1 33				*	\odot	Δ		*
16	28 46	7 49 17	52 21	36 2 33							\square	
17	28 53	7 56 18	33 22	52 3 37	$\zeta \odot \lrcorner$	\lrcorner	*					*
18	28 59	8 3 19	13 24	7 4 44				\square				\square
19	29 5	8 10 19	53 25	23 5 53							Δ	\square
20	29 12	8 16 20	33 26	38 7 5				\square	Δ	*	δ	Δ
21	29 18	8 22 21	14 27	54 8 19	$\zeta * \lambda$							
22	29 25	8 28 21	54 29	9 9 35			Δ		\square			Δ
23	29 31	8 34 22	35 0 w 25	10 53				δ	Δ		δ	
24	29 38	8 40 23	15 1	41 12 12								δ
25	29 45	8 45 23	56 2	57 13 32						Δ		δ
26	29 51	8 50 24	36 4	12 14 54	$\odot \odot \zeta$	δ						δ
27	29 58	8 55 25	17 5	28 16 17						\square		δ
28	0 m 5	9 0 25	57 6	43 17 41				Δ	δ		Δ	Δ
29	0 11	9 5 26	38 7	59 19 6						*		
30	0 18	9 10 27	18 9	14 20 31	$\zeta \square \lambda$						\square	
31	0 25	9 15 27	59 10	30 21 57	$\odot \square \lambda$	Δ	\square					Δ











RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1815.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm. 939 c. 11)



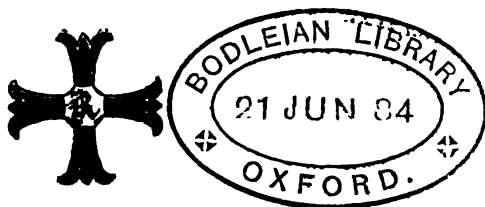
RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANET'S PLACES

For 1815.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 8	21 S 1	0 S 25	20 S 28	1 N 19	2 S 29
4	16	15	0 8	21 3	0 25	20 22	1 20	2 33
7	16	16	0 7	21 5	0 25	20 19	1 21	2 37
10	16	16	0 7	21 6	0 25	20 15	1 22	2 40
18	16	17	0 7	21 7	0 26	20 10	1 23	2 42
16	16	17	0 7	21 8	0 26	20 6	1 23	2 43
19	16	17	0 7	21 9	0 26	20 1	1 24	2 44
22	16	18	0 7	21 11	0 26	19 56	1 25	2 44
25	16	18	0 7	21 13	0 26	19 51	1 26	2 44
28	16	18	0 7	21 14	0 26	19 46	1 26	2 43
31	16	18	0 7	21 15	0 26	19 41	1 27	2 41

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	S	18 41 6	10 w 16 54	23 S 4	26 w 14	5 N 5	6 N 9	4 f 53	
2	M	18 45 3	11 18 5	22 59	9 Δ 50	5 18	0 58	4 56	
8	Tu	18 48 59	12 19 16	22 53	23 2	5 18	4 S 7	4 59	
4	W	18 52 58	13 20 27	22 48	5 m 53	4 53	8 53	5 2	
5	Th	18 56 52	14 21 38	22 41	18 27	4 20	13 10	5 5	
6	F	19 0 49	15 22 50	22 35	0 f 48	3 34	16 50	5 8	
7	S	19 4 45	16 24 1	22 27	12 53	2 40	19 43	5 11	
8	S	19 8 42	17 25 12	22 20	24 52	1 40	21 42	5 14	
9	M	19 12 39	18 26 23	22 12	6 w 46	0 35	22 42	5 17	
10	Tu	19 16 35	19 27 34	22 3	18 35	0 S 31	22 41	5 20	
11	W	19 20 32	20 28 45	21 54	0 m 23	1 35	21 38	5 24	
12	Th	19 24 28	21 29 54	21 45	12 11	2 35	19 38	5 27	
13	F	19 28 25	22 31 4	21 35	24 1	3 28	16 48	5 30	
14	S	19 32 21	23 32 13	21 25	5 x 57	4 13	13 15	5 33	
15	S	19 36 18	24 33 21	21 14	18 2	4 48	9 9	5 36	
16	M	19 40 14	25 34 28	21 3	0 r 17	5 9	4 37	5 39	
17	Tu	19 44 11	26 35 34	20 51	12 47	5 17	0 N 11	5 41	
18	W	19 48 8	27 36 39	20 40	25 36	5 9	5 6	5 44	
19	Th	19 52 4	28 37 43	20 27	8 b 46	4 45	9 56	5 47	
20	F	19 56 1	29 38 46	20 15	22 21	4 51	14 26	5 49	
21	S	19 59 47	0 m 39	49 20	2 6	12 23	3 9	18 17	5 51
22	S	20 3 54	1 40 40	19 48	20 50	2 0	21 9	5 54	
23	M	20 7 50	2 41 49	19 35	5 Δ 41	0 40	22 40	5 56	
24	Tu	20 11 47	3 42 48	19 20	20 47	0 N 43	22 34	5 59	
25	W	20 15 43	4 43 46	19 6	6 Ω 3	2 42	20 47	6 1	
26	Th	20 19 40	5 44 48	18 51	21 16	3 16	17 30	6 3	
27	F	20 23 37	6 45 48	18 36	6 m 18	4 13	13 7	6 6	
28	S	20 27 33	7 46 34	18 21	21 0	4 52	8 3	6 8	
29	S	20 31 30	8 47 28	18 5	5 Δ 16	5 12	2 41	6 10	
30	M	20 35 26	9 48 22	17 49	19 3	4 13	2 S 38	6 12	
31	Tu	20 39 23	10 49 14	17 32	2 m 22	4 56	7 40	6 14	

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 19	19 S 34	0 S 42	23 S 39	0 N 5	23 S 13	13 57
4	0 17	20 5	0 47	23 19	0 S 17	23 44	12 57
7	0 16	20 28	0 54	22 57	0 38	24 4	12 48
10	0 14	20 53	0 59	22 24	0 57	24 14	12 38
13	0 12	21 17	1 4	21 52	1 14	24 11	12 29
16	0 10	21 39	1 9	21 7	1 29	23 57	12 19
19	0 7	21 59	1 13	20 22	1 42	23 30	12 10
22	0 5	22 17	1 16	19 27	1 52	22 50	12 0
25	0 3	22 34	1 20	18 31	2 0	21 56	11 51
28	0 1	22 49	1 23	17 25	2 4	20 49	11 41
31	0 S 1	23 3	1 26	16 7	2 4	19 28	11 32

D M	h		μ		δ		η		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		\odot	\square	h	μ	δ	η	γ
1	0 32	9 20	28 40	11 45	23 25	23 25	23 25	23 25						*		
2	0 39	9 24	29 21	13 13	24 52	24 52	24 52	24 52		\square	*			δ		
3	0 46	9 28	0 7	14 14	16 26	20	20	20								*
4	0 53	9 32	0 42	15 32	27 49	27 49	27 49	27 49	δ * h	*		\square				*
5	1 0	9 36	1 22	16 47	29 18	29 18	29 18	29 18		*						*
6	1 7	9 40	2 3	18 3	0 48	0 48	0 48	0 48				δ	*		δ	
7	1 14	9 43	2 44	19 18	2 18	2 18	2 18	2 18					*			
8	1 21	9 46	3 25	20 34	3 49	3 49	3 49	3 49						*		
9	1 28	9 49	4 6	21 49	5 20	5 20	5 20	5 20							\square	δ
10	1 35	9 52	4 47	23 5	6 52	6 52	6 52	6 52		δ					δ	
11	1 42	9 55	5 28	24 20	8 24	8 24	8 24	8 24	δ δ h		*	δ		*		
12	1 49	9 58	6 9	25 36	9 57	9 57	9 57	9 57	δ \square μ				δ			
13	1 56	10 0	6 50	26 51	11 30	11 30	11 30	11 30								
14	2 3	10 2	7 31	28 7	13 4	13 4	13 4	13 4		\square				\square		
15	2 10	10 4	8 12	29 22	14 38	14 38	14 38	14 38								*
16	2 17	10 6	8 53	0 38	16 13	16 13	16 13	16 13		*	δ	*		δ	*	
17	2 24	10 7	9 34	1 53	17 48	17 48	17 48	17 48	δ δ h				δ	δ		\square
18	2 31	10 9	10 15	3 9	19 24	19 24	19 24	19 24	δ * μ	\square						
19	2 39	10 10	10 55	4 24	21 0	21 0	21 0	21 0				\square			\square	
20	2 45	10 11	11 37	5 39	22 37	22 37	22 37	22 37	δ * h							δ
21	2 53	10 12	12 18	6 55	24 14	24 14	24 14	24 14		δ	δ	δ	δ	δ	δ	
22	3 0	10 12	12 59	8 10	25 52	25 52	25 52	25 52								
23	3 7	10 13	13 40	9 25	27 31	27 31	27 31	27 31	δ δ μ				\square			
24	3 14	10 13	14 21	10 41	29 10	29 10	29 10	29 10	\odot δ h							
25	3 22	10 13	15 3	11 56	0 50	0 50	0 50	0 50		δ	δ	δ	*		δ	δ
26	3 29	10 13	15 44	13 11	2 31	2 31	2 31	2 31	\odot * h					δ		
27	3 36	10 13	16 25	14 26	4 12	4 12	4 12	4 12	δ δ h		\square					
28	3 43	10 12	17 7	15 42	5 54	5 54	5 54	5 54	δ * h						\square	
29	3 50	10 11	17 48	16 57	7 37	7 37	7 37	7 37	δ δ μ	δ	*	δ	δ			δ
30	3 57	10 10	18 29	18 12	9 20	9 20	9 20	9 20	\odot δ μ					*	δ	
31	4 4	10 9	19 10	19 27	11 4	11 4	11 4	11 4	\odot δ γ			\square				

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	0 N 7	21 8 15	0 8 27	19 8 40	1 N 28	2 8 40
4	16	15	0 7	21 16	0 27	19 35	1 28	2 37
7	16	14	0 7	21 17	0 27	19 30	1 29	2 35
10	16	14	0 7	21 18	0 27	19 25	1 30	2 30
13	16	13	0 7	21 18	0 27	19 20	1 31	2 26
16	16	12	0 7	21 19	0 27	19 15	1 31	2 21
19	16	11	0 7	21 19	0 27	19 11	1 32	2 15
22	16	11	0 7	21 20	0 27	19 6	1 32	2 9
25	16	10	0 7	21 20	0 27	19 1	1 33	2 2
28	16	10	0 7	21 21	0 27	18 56	1 33	1 57

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♃ Long.
		H. M. S.	° ' "	°	°	° ' "	° ' "	° ' "
1	W	20 43 19	11 50 7	17 8 15	15 14	4 N 25	12 8 11	6 7 16
2	Th	20 47 16	12 50 58	16 58 27	45 3	43 16	4	6 18
3	F	20 51 12	13 51 48	16 41 9	58 2	51 19	9	6 20
4	S	20 55 9	14 52 37	16 23 21	58 1	52 21	22	6 22
5	S	20 59 6	15 53 26	16 5 3	50 0	49 22	36	6 24
6	M	21 3 2	16 54 13	15 47 15	37 0	8 15	22	48 6 26
7	Tu	21 6 59	17 54 59	15 28 27	24 1	19 22	0	6 27
8	W	21 10 55	18 55 44	15 10 9	12 2	19 20	13	6 29
9	Th	21 14 52	19 56 27	14 51 21	4 3	14 17	32	6 30
10	F	21 18 48	20 57 10	14 32 3	2 4	0 14	7	6 32
11	S	21 22 45	21 57 51	14 12 15	8 4	36 10	6	6 33
12	S	21 26 41	22 58 29	13 52 27	22 4	59 5	37	6 35
13	M	21 30 38	23 59 7	13 32 9	47 5	9 0	52	6 36
14	Tu	21 34 34	24 59 42	13 12 22	24 5	5 4 N	1	6 37
15	W	21 38 31	26 0 16	12 52 4	15 4	45 8	49	6 39
16	Th	21 42 27	27 0 48	12 31 18	23 4	9 13	19	6 40
17	F	21 46 24	28 1 19	12 10 1	49 3	20 17	17	6 42
18	S	21 50 20	29 1 46	11 40 15	37 2	18 20	24	6 43
19	S	21 54 17	0 2 13	11 28 29	46 1	6 22	22	6 44
20	M	21 58 14	1 2 37	11 7 14	17 0	N 12 22	54	6 45
21	Tu	22 2 10	2 2 59	10 45 29	6 1	31 21	51	6 46
22	W	22 6 7	3 3 19	10 24 14	7 2	44 19	14	6 47
23	Th	22 10 4	4 3 37	10 2 29	13 3	48 15	17	6 48
24	F	22 14 0	5 3 54	9 40 14	13 4	32 10	24	6 49
25	S	22 17 57	6 4 9	9 18 28	59 4	59 4	58	6 50
26	S	22 21 53	7 4 22	8 53 13	22 5	6 08	35	6 51
27	M	22 25 50	8 4 34	8 33 27	18 4	54 5	56	6 52
28	Tu	22 29 46	9 4 44	8 10 10	15 4	27 10	50	6 53

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 2	23 S 7	18 26	15 S 58	28 4	18 S 58	11 29
4	0 5	23 18	1 27	14 53	1 9	17 18	11 19
7	0 7	23 27	1 28	13 29	1 59	15 25	11 10
10	0 10	23 34	1 28	12 8	1 5	18 19	11 0
13	0 12	23 39	1 28	10 47	1 14	11 2	10 51
16	0 15	23 42	1 27	9 21	0 48	8 37	10 41
19	0 18	23 44	1 26	7 55	0 15	6 8	10 32
22	0 21	23 43	1 23	6 23	0 N 23	3 41	10 22
25	0 23	23 41	1 21	4 56	1 5	1 25	10 13
28	0 25	23 39	1 19	3 23	1 48	0 N 31	10 3

D M	h	♈	♉	♊	♋	Mutual Aspects.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	°	'	°	'	°	'								
1	4m12	10 8	19 52	20m42	12m49	♀ * ♂	☐						☐	☐
2	4 19	10 8	20 83	21 58	14 34									
3	4 26	10 5	21 14	23 13	16 20		*	☉	*	*			♈	*
4	4 33	10 3	21 56	24 28	18 7								♈	*
5	4 40	10 1	22 37	25 43	19 54	♀ ☐ ♈								
6	4 47	9 59	23 18	26 58	21 42						☐			
7	4 54	9 57	24 0	28 13	23 81	♈ * ♂								
8	5 1	9 54	24 41	29 29	25 20	♀ ☐ ♈		*	☉	Δ		*		
9	5 8	9 51	25 23	0x44	27 9		☉					*		
10	5 15	9 48	26 5	1 59	28 59			☐					♈	♈
11	5 22	9 45	26 46	3 14	0x49									
12	5 29	9 42	27 28	4 29	2 38								☐	
13	5 36	9 38	28 10	5 44	4 27			Δ	*	♈				
14	5 43	9 34	28 51	6 59	6 16	♀ ☐ ☿	*							
15	5 50	9 30	29 33	8 14	8 4	♀ ☐ ☿			☐		Δ	*	*	
16	5 57	9 26	0w15	9 29	9 51	♀ ☉ ♈								
17	6 4	9 22	0 56	10 44	11 37		☐	♈	Δ					
18	6 11	9 18	1 38	11 59	13 21					Δ			☐	☐
19	6 17	9 14	2 20	13 14	15 3		Δ				♈			
20	6 24	9 9	3 11	14 29	16 42					☐		Δ	Δ	Δ
21	6 31	9 4	4 3	15 44	18 17			Δ	♈					
22	6 37	8 59	4 25	16 58	19 49					*				
23	6 44	8 54	5 6	18 13	21 17	♈ * ☿	♈	☐			Δ		♈	
24	6 51	8 49	5 48	19 28	23 39									
25	6 57	8 44	6 30	20 42	23 56	☉ * ♂							♈	♈
26	7 4	8 39	7 11	21 57	25 6	☉ ☐ ☿		*	Δ	♈	☐			
27	7 10	8 33	7 53	23 12	26 10							*		
28	7 16	8 27	8 35	24 27	27 7	♈ ☐ ♈	Δ		☐		*			

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 7	21 S 22	0 S 29	18 S 55	1 N 34	1 S 52
4	16	9	0 7	21 22	0 29	18 50	1 34	1 44
7	16	8	0 7	21 22	0 30	18 46	1 35	1 36
10	16	8	0 7	21 22	0 30	18 42	1 35	1 28
13	16	7	0 7	21 22	0 31	18 37	1 36	1 19
16	16	6	0 7	21 22	0 31	18 33	1 36	1 10
19	16	5	0 7	21 22	0 31	18 29	1 36	1 1
22	16	4	0 7	21 22	0 31	18 25	1 36	0 52
25	16	3	0 7	21 22	0 32	18 21	1 37	0 42
28	16	3	0 7	21 22	0 32	18 17	1 37	0 32
31	16	2	0 7	21 21	0 32	18 13	1 37	0 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	22 33 43	10 4 53	7 S 48	23 m 44	3 N 46	15 S 4	6 7 53
2	Th	22 37 39	11 5 0	7 25	6 7 18	2 55	18 30	6 54
3	F	22 41 36	12 5 5	7 218	32	1 58	21 1	6 54
4	S	22 45 32	13 5 9	6 39	0 w 32	0 56	22 32	6 55
5	S	22 49 29	14 5 12	6 16	12 22	0 S 7	23 0	6 55
6	M	22 53 26	15 5 13	5 53	24 8	1 9	22 26	6 55
7	Tu	22 57 22	16 5 12	5 30	5 m 55	2 8	20 53	6 56
8	W	23 1 19	17 5 9	5 6	17 46	3 2	18 25	6 56
9	Th	23 5 15	18 5 4	4 43	29 44	3 49	15 9	6 56
10	F	23 9 12	19 4 58	4 19	11 52	4 25	11 12	6 56
11	S	23 13 8	20 4 50	3 56	24 11	4 50	6 45	6 56
12	S	23 17 5	21 4 40	3 32	6 7 41	5 1	1 57	6 56
13	M	23 21 1	22 4 28	3 9	19 22	4 58	3 N 0	6 56
14	Tu	23 24 58	23 4 13	2 45	2 8 15	4 39	7 54	6 55
15	W	23 28 55	24 3 57	2 22	15 19	4 6	12 31	6 55
16	Th	23 32 51	25 3 38	1 58	28 36	3 19	16 37	6 55
17	F	23 36 48	26 3 17	1 34	12 11 5	2 20	19 57	6 55
18	S	23 40 44	27 2 54	1 10	25 48	1 12	22 12	6 55
19	S	23 44 41	28 2 28	0 47	9 56 46	0 N 1	23 8	6 54
20	M	23 48 37	29 1 59	0 23	23 59	1 16	22 35	6 54
21	Tu	23 52 34	0 1 28	0 N 1	8 26	2 27	20 32	6 54
22	W	23 56 30	1 0 55	0 24	23 4	3 29	17 7	6 53
23	Th	0 0 27	2 0 20	0 48	7 m 47	4 17	12 38	6 53
24	F	0 4 24	2 59 42	1 12	22 28	4 48	7 24	6 52
25	S	0 8 20	3 59 3	1 35	7 2 0	5 6	1 49	6 51
26	S	0 12 17	4 58 21	1 59	21 15	4 54	3 S 46	6 51
27	M	0 16 13	5 57 37	2 22	5 m 8	4 29	9 1	6 50
28	Tu	0 20 10	6 56 52	2 46	18 35	3 51	13 41	6 49
29	W	0 24 6	7 56 5	3 9	1 7 37	3 1	17 33	6 49
30	Th	0 28 3	8 55 16	3 32	14 14	2 3	20 29	6 48
31	F	0 31 59	9 54 25	3 56	26 32	1 1	22 24	6 47

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 8 27	23 8 35	1 8 17	2 8 53	2 N 3	1 N 3	10 5 0
4	0 8 30	23 29	1 12	1 20	2 42	2 17	9 51
7	0 8 33	23 20	1 8	0 N 13	3 14	2 51	9 41
10	0 36	23 9	1 3	1 46	3 33	2 43	9 32
13	0 39	22 56	0 58	3 19	3 30	1 55	9 22
16	0 42	22 42	0 52	4 51	3 22	0 38	9 13
19	0 46	22 26	0 45	6 22	2 51	0 55	9 3
22	0 49	22 9	0 38	7 53	2 11	2 26	8 54
25	0 52	21 48	0 31	9 21	1 25	3 45	8 44
28	0 55	21 26	0 25	10 57	0 39	4 44	8 35
31	0 59	21 1	0 17	12 14	0 8 5	5 20	8 25

D M	h	♂	♀	♀	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	☉	♂	h	♂	♂	♀	♀	♀
	° /	° /	° /	° /	° /								
1	7 22	8 21	9 17	25 41	27 55							Δ	Δ
2	7 29	8 15	9 59	26 56	28 35		☐	☉	*	*			
3	7 35	8 10	41 28	10 29	6								
4	7 41	8 21	23 29	25 29	29							☐	☐
5	7 48	7 55	5 0	39 29	43		*			☐	☉		
6	7 55	7 49	12 47	1 54	29 47	h Δ 4							*
7	8 0	7 42	13 29	3 8	20 42			*	☉	Δ		*	
8	8 6	7 35	14 11	4 23	29 28								
9	8 12	7 28	14 53	5 37	29 6								
10	8 18	7 21	15 35	6 52	28 37	♀ Δ h	☐				*		
11	8 24	7 14	16 17	8 6	28 1	♀ * h	☉						☉
12	8 30	7 7	16 59	9 21	27 19	♀ ♂ 4		Δ	*	♂		☉	☉
13	8 36	7 0	17 41	10 35	26 30						☐		
14	8 41	6 53	18 23	11 49	25 38	4 * h			☐			Δ	
15	8 47	6 46	19 5	13 42	24 44	☉ ☉ ♂						Δ	
16	8 52	6 39	19 47	14 18	23 49		*						*
17	8 58	6 31	20 29	15 32	22 54			♂	Δ	Δ		*	
18	9 4	6 24	21 11	16 46	21 58		☐				☐		☐
19	9 10	6 16	21 54	18 02	1 3	♂ * ♂					☐		Δ
20	9 15	6 9	22 36	19 14	20 12		Δ				♂	☐	Δ
21	9 21	6 1	23 18	20 28	19 27			Δ	♂	*			
22	9 26	5 54	24 0	21 42	18 47							Δ	
23	9 32	5 46	24 42	22 56	18 12			☐					♂
24	9 37	5 38	25 24	24 10	17 41						Δ		
25	9 42	5 30	26 7	25 24	17 13	♀ ☐ ♂	♂	*	Δ	☉			
26	9 47	5 23	26 49	26 38	16 52	☉ ♂ 4					☐	♂	
27	9 52	5 15	27 31	27 52	16 38				☐				
28	9 57	5 8	28 13	29 6	16 31	☉ Δ h							Δ
29	10 2	5 0	28 55	0 19	16 29						*	*	
30	10 7	4 52	29 37	1 33	16 32		Δ	☉	*				☐
31	10 12	4 44	0 19	2 47	16 40								

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 N 7	21 8 21	0 8 33	18 8 13	1 N 37	0 8 21
4	16	0	0 7	21 20	0 33	18 9	1 37	0 12
7	15	59	0 7	21 19	0 33	18 6	1 36	0 3
10	15	58	0 7	21 18	0 33	18 3	1 36	0 N 5
13	15	58	0 7	21 17	0 34	18 1	1 36	0 13
16	15	57	0 7	21 17	0 34	17 58	1 36	0 20
19	15	56	0 7	21 16	0 35	17 55	1 35	0 26
22	15	56	0 7	21 16	0 35	17 53	1 35	0 35
25	15	55	0 7	21 15	0 36	17 51	1 34	0 42
28	15	54	0 7	21 14	0 36	17 49	1 34	0 49

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	0 35 56	10 7 53 33	4 N 19	8 34	0 8 2	23 8 14	6 7 46
2	S	0 39 52	11 52 36	4 42 20	26 1	4 22 56	6 4 45	6 4 45
3	M	0 43 49	12 51 42	5 5 2	14 2	4 21 41	6 4 44	6 4 44
4	Tu	0 47 46	13 50 44	5 28 14	2 2	55 19 28	6 4 43	6 4 43
5	W	0 51 42	14 49 45	5 51 25	57 3	44 16 24	6 4 42	6 4 42
6	Th	0 55 39	15 48 43	6 14 8	1 4	21 12 36	6 4 41	6 4 41
7	F	0 59 36	16 47 40	6 36 20	18 4	47 8 14	6 3 39	6 3 39
8	S	1 3 32	17 46 35	6 59 27	50 5	0 3 25	6 3 38	6 3 38
9	S	1 7 29	18 45 28	7 21 15	36 4	57 1 N 34	6 3 36	6 3 36
10	M	1 11 25	19 44 19	7 44 28	38 4	40 6 35	6 3 34	6 3 34
11	Tu	1 15 22	20 43 9	8 6 11	52 4	7 11 29	6 3 33	6 3 33
12	W	1 19 18	21 41 56	8 25 25	18 3	20 15 52	6 3 31	6 3 31
13	Th	1 23 15	22 40 40	8 50 8	54 2	21 19 29	6 3 29	6 3 29
14	F	1 27 11	23 39 23	9 12 22	39 1	18 22 2	6 3 27	6 3 27
15	S	1 31 8	24 38 3	9 33 6	31 0	0 23 18	6 3 25	6 3 25
16	S	1 35 4	25 36 41	9 59 20	30 1	N 13 23	6 3 24	6 3 24
17	M	1 39 0	26 35 17	10 16 4	37 2	23 21 26	6 3 22	6 3 22
18	Tu	1 42 56	27 33 50	10 37 18	49 3	25 18 26	6 3 21	6 3 21
19	W	1 46 52	28 32 22	10 58 3	6 4	14 14 19	6 3 19	6 3 19
20	Th	1 50 48	29 30 51	11 19 17	24 4	47 9 23	6 3 18	6 3 18
21	F	1 54 44	0 29 17	11 39 1	38 5	2 3 58	6 3 16	6 3 16
22	S	1 58 41	1 27 42	12 0 15	44 4	59 18 36	6 3 14	6 3 14
23	S	2 2 38	2 26 5	12 20 29	37 4	38 7 1	6 3 12	6 3 12
24	M	2 6 35	3 24 27	12 40 13	14 4	11 59	6 3 10	6 3 10
25	Tu	2 10 32	4 22 46	13 0 26	30 3	12 16 16	6 3 8	6 3 8
26	W	2 14 29	5 21 3	13 19 9	25 2	15 19 40	6 3 6	6 3 6
27	Th	2 18 25	6 19 19	13 38 22	0 1	11 22 2	6 3 4	6 3 4
28	F	2 22 21	7 17 34	13 58 4	17 0	6 23 17	6 3 2	6 3 2
29	S	2 26 17	8 15 47	14 10 16	21 0	55 23 25	6 3 0	6 3 0
30	S	2 30 13	9 13 58	14 35 8	15 1	54 22 24	5 55	5 55

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 0	20 S 56	08 13	12 N 39	08 18	58 27	8 21
4	1 4	20 30	0 5	13 59	0 56	5 34	8 11
7	1 8	20 4	0 N 3	15 17	1 28	5 21	8 2
10	1 12	19 35	0 11	16 29	1 54	4 48	7 52
13	1 15	19 6	0 20	17 42	2 15	3 59	7 43
16	1 19	18 34	0 28	18 46	2 30	2 55	7 33
19	1 23	18 3	0 36	19 51	2 40	1 38	7 24
22	1 27	17 30	0 45	20 46	2 45	0 8	7 14
25	1 30	16 55	0 53	21 41	2 45	1 N 33	7 5
28	1 34	16 20	1 2	22 26	2 39	3 25	6 55

D M	\hbar Long.	γ Long.	δ Long.	ζ Long.	η Long.	Mutual Aspts.	Lunar Aspects.							
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋	♌	♍
1	10 16	4 36	1 2	4 8	0 16	* \hbar	☐					☐	Δ	*
2	10 21	4 29	1 44	5 14	17 14			*				Δ	♈	*
3	10 25	4 21	2 26	6 27	17 38			*		♈		♈	☐	
4	10 30	4 13	3 8	7 40	18 5		*		♈					
5	10 34	4 5	3 50	8 53	18 37	♈ Δ γ								
6	10 38	3 53	4 32	10 7	19 14	♀ ☐ \hbar		☐					*	
7	10 42	3 50	5 15	11 20	19 55				Δ			♈	*	♈
8	10 46	3 43	5 57	12 34	20 40						♈	*		
9	10 50	3 35	6 39	13 47	21 28	♈ * \hbar	♈		*					
10	10 54	3 28	7 21	15 0	22 18					*				
11	10 58	3 21	8 3	16 14	23 12					☐		☐	♈	*
12	11 2	3 14	8 45	17 27	24 9							☐		*
13	11 6	3 7	9 28	18 40	25 10			♈		Δ		Δ		
14	11 9	3 0	10 10	19 53	26 14		*							☐
15	11 13	2 54	10 52	21 6	27 19						☐			
16	11 16	2 47	11 34	22 19	28 26	♈ ☐ \hbar	☐						*	
17	11 20	2 41	12 16	23 32	29 36			Δ	♈	*				Δ
18	11 23	2 34	12 58	24 45	0 49							♈	☐	
19	11 26	2 28	13 41	25 57	2 4	♀ ♈ γ	Δ	☐						
20	11 29	2 22	14 23	27 10	3 22									
21	11 32	2 16	15 5	28 22	4 41			*		♈		Δ	♈	
22	11 35	2 10	15 47	29 35	6 2					Δ		Δ		
23	11 38	2 4	16 29	0 48	7 25	♀ Δ \hbar	♈							
24	11 41	1 58	17 11	2 1	8 50	♀ Δ γ				☐		☐		
25	11 44	1 52	17 53	3 13	10 18						*			
26	11 46	1 46	18 35	4 25	11 48	♀ * \hbar		♈	*				♈	Δ
27	11 49	1 41	19 17	5 38	13 19							*		
28	11 51	1 36	19 59	6 50	14 52	♀ ♈ \hbar	Δ				☐			
29	11 54	1 31	20 41	8 2	16 27							Δ		☐
30	11 46	1 26	21 23	9 15	18 4						Δ			

10		RAPHAEL'S ASTRONOMICAL EPHEMERIS.										1815.	
MAY XXXI DAYS.													
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.						
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.					
	'	"	°	'	°	'	°	'	°	'	°	'	
1	15	54	0 N 7	21 S 12	0 S 37	17 S 48	1 N 33	0 N 53					
4	15	54	0 7	21 11	0 37	17 47	1 33	0 58					
7	15	53	0 7	21 10	0 37	17 46	1 32	1 2					
10	15	52	0 7	21 8	0 37	17 45	1 31	1 4					
13	15	51	0 7	21 7	0 38	17 44	1 30	1 8					
16	15	51	0 7	21 6	0 38	17 44	1 30	1 10					
19	15	50	0 7	21 5	0 39	17 44	1 29	1 12					
22	15	50	0 7	21 4	0 39	17 44	1 29	1 13					
25	15	49	0 7	21 3	0 40	17 45	1 28	1 13					
28	15	49	0 7	21 2	0 40	17 46	1 28	1 12					
31	15	48	0 7	21 1	0 40	17 47	1 28	1 11					
D M	D W	Sidereal Time.	☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.
		H. M. S.	°	'	°	'	°	'	°	'	°	'	°
1	M	2 34 9	10 8 12	8	14 N 54	10 m 4	2 S 55	20 S 33					5 7 56
2	Tu	2 38 6	11 10 17	15	12 21 55	3 44 17	44	5 15 4					5 15 4
3	W	2 42 2	12 8 24	15	80 3 52	4 23 14	10	5 52					5 52
4	Th	2 45 59	13 6 30	15	47 16 0	4 50 9	58	5 50					5 50
5	F	2 49 55	14 4 35	16	5 28 28	5 5 5	18	5 48					5 48
6	S	2 53 52	15 2 38	16	22 11 7	3 5 5	0 18	5 46					5 46
7	S	2 57 48	16 0 40	16	39 24 3	4 50 4	N 50	5 44					5 44
8	M	3 1 45	16 58 41	16	55 7 21	4 20 9	53	5 41					5 41
9	Tu	3 5 42	17 56 39	17	12 20 57	3 33 14	35	5 39					5 39
10	W	3 9 38	18 54 37	17	28 4 17	2 34 18	35	5 36					5 36
11	Th	3 13 35	19 52 33	17	44 18 48	1 24 21	35	5 33					5 33
12	F	3 17 31	20 50 27	17	59 22 57	0 9 23	17	5 31					5 31
13	S	3 21 28	21 48 19	18	14 17 10	1 N 8 23	29	5 28					5 28
14	S	3 25 24	22 46 9	18	29 1 23	2 20 22	9	5 26					5 26
15	M	3 29 21	23 43 58	18	43 15 36	3 24 19	26	5 23					5 23
16	Tu	3 33 17	24 41 45	18	58 29 46	4 15 15	33	5 21					5 21
17	W	3 37 14	25 39 31	19	12 18 51	4 51 10	50	5 18					5 18
18	Th	3 41 11	26 37 14	19	25 27 49	5 9 5	35	5 16					5 16
19	F	3 45 7	27 34 56	19	38 11 39	5 8 0	7	5 13					5 13
20	S	3 49 4	28 32 36	19	51 25 19	4 50 5	18	5 11					5 11
21	S	3 53 0	29 30 15	20	4 8 m 46	4 17 10	23	5 9					5 9
22	M	3 56 57	0 27 53	20	16 21 59	3 30 14	54	5 7					5 7
23	Tu	4 0 53	1 25 29	20	28 4 56	2 33 18	38	5 4					5 4
24	W	4 4 50	2 23 4	20	40 17 37	1 29 21	25	5 1					5 1
25	Th	4 8 46	3 20 36	20	51 0 w 2	0 22 23	6	4 59					4 59
26	F	4 12 43	4 18 11	21	2 12 15	0 8 45	23	4 55					4 55
27	S	4 16 40	5 15 43	21	12 24 16	1 49 23	4	4 53					4 53
28	S	4 20 36	6 13 15	21	22 6 m 9	2 47 21	28	4 50					4 50
29	M	4 24 33	7 10 45	21	32 18 0	3 38 18	56	4 48					4 48
30	Tu	4 28 29	8 8 14	21	41 29 52	4 20 15	35	4 46					4 46
31	W	4 32 26	9 5 43	21	50 11 x 49	4 51 11	37	4 44					4 44

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 38	15 S 43	1 N 9	23 N 11	2 S 29	5 N 26	6 45
4	1 42	15 5	1 16	23 46	2 14	7 33	6 35
7	1 46	14 27	1 24	24 17	1 55	9 47	6 26
10	1 50	13 47	1 30	24 44	1 32	12 4	6 16
13	1 55	13 7	1 37	24 59	1 4	14 24	6 7
16	1 59	12 26	1 44	25 10	0 34	16 42	5 57
19	2 3	11 45	1 48	25 15	0 2	18 54	5 48
22	2 7	11 2	1 52	25 14	0 N 29	20 53	5 38
25	2 11	10 21	1 57	25 6	0 58	22 35	5 29
28	2 15	9 36	2 1	24 49	1 23	23 54	5 19
31	2 19	8 49	2 3	24 32	1 44	24 51	5 10

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	11 58	1 21	22 5	10 27	19 43		☐	*	♈			♊	
2	12 0	1 16	22 46	11 39	21 24	♀ Δ h						♈	*
3	12 2	1 12	23 28	12 51	23 6	☉ ☐ h		☐					
4	12 4	1 8	24 10	14 3	24 50	♀ * ♂	*					☐	
5	12 6	1 4	24 54	15 15	26 37					♈			
6	12 8	1 0	25 34	16 27	28 26			Δ	*			*	
7	12 9	0 56	26 16	17 39	0 16							*	
8	12 11	0 52	26 57	18 51	2 7				☐				♈
9	12 12	0 49	27 39	20 3	4 1		♈						
10	12 14	0 46	28 21	21 14	5 47			♈		Δ	☐		
11	12 15	0 43	29 2	22 26	7 55				Δ			♈	
12	12 16	0 40	29 44	23 38	9 54					☐	Δ		
13	12 17	0 37	0 26	24 49	11 55	♈ ☐ h	*						*
14	12 18	0 35	1 7	26 0	13 58			Δ		*			
15	12 19	0 33	1 49	27 12	16 2				♈				☐
16	12 19	0 31	2 30	28 23	18 8		☐					♈	*
17	12 20	0 29	3 12	29 34	20 15			☐					
18	12 20	0 27	3 53	0 46	22 24	♀ ☐ ♄	Δ			♈		☐	Δ
19	12 21	0 25	4 34	1 57	24 34			*	Δ				
20	12 21	0 23	5 15	3 8	26 44	♈ ☐ h							
21	12 21	0 22	5 56	4 19	28 55	☉ ☉ ♈			☐		Δ	Δ	
22	12 21	0 21	6 37	5 30	1 7	☉ Δ ♄							
23	12 21	0 20	7 18	6 41	3 19	♈ Δ ♄	♈	♈		*			♈
24	12 21	0 19	7 59	7 52	5 31	♈ ♈ h			*				
25	12 21	0 18	8 40	9 2	7 42	♀ Δ ♂				☐			
26	12 20	0 17	9 21	10 13	9 52	♈ ☐ ♂					*	♈	
27	12 20	0 16	10 2	11 23	12 1	☉ ♈ h							
28	12 19	0 D 16	10 43	12 34	14 9	♀ Δ h	Δ	*		Δ			
29	12 19	0 16	11 23	13 44	16 16					♈			Δ
30	12 18	0 16	12 4	14 54	18 22								
31	12 18	0 17	12 45	16 4	20 26		☐	☐				♈	Δ

JUNE XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 N 7	21 8 0	0 8 41	17 8 47	1 N 26	1 N 11
4	15	48	0 7	20 59	0 41	17 48	1 25	1 9
7	15	47	0 7	20 57	0 42	17 50	1 24	1 7
10	15	47	0 7	20 55	0 42	17 52	1 24	1 4
13	15	46	0 7	20 54	0 43	17 54	1 23	1 1
16	15	46	0 7	20 53	0 43	17 56	1 22	0 56
19	15	46	0 7	20 52	0 44	17 58	1 21	0 51
22	15	46	0 7	20 51	0 44	18 1	1 21	0 45
25	15	46	0 7	20 49	0 44	18 4	1 20	0 39
28	15	45	0 7	20 48	0 44	18 7	1 20	0 32

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	4 36 22	10 11 3 12	21 N 59	23 58	5 8 10	7 8 8	4 42
2	F	4 40 19	11 0 39	22	7 6 22	5 15	2 17	4 40
3	S	4 44 15	11 58 6	22	15 19 5	5 4	2 N 47	4 37
4	S	4 48 12	12 55 33	22	2 10 4	38	7 53	4 35
5	M	4 52 9	13 52 59	22	29 15 38	3 36	12 46	4 33
6	Tu	4 56 5	14 50 24	22	36 29 28	2 59	17 9	4 31
7	W	5 0 2	15 47 48	22	42 13 38	1 50	20 38	4 28
8	Th	5 3 58	16 45 12	22	48 28 3	0 32	22 55	4 25
9	F	5 7 55	17 42 35	22	54 12 37	0 N 48	23 40	4 23
10	S	5 11 51	18 39 56	22	59 27 16	2 6	22 47	4 20
11	S	5 15 48	19 37 17	23	3 11 52	3 15	20 22	4 18
12	M	5 19 44	20 34 37	23	8 26 21	4 11	16 41	4 15
13	Tu	5 23 41	21 31 56	23	12 10 39	4 51	12 4	4 13
14	W	5 27 38	22 29 14	23	15 24 43	5 13	6 53	4 10
15	Th	5 31 34	23 26 31	23	18 8 33	5 16	1 26	4 8
16	F	5 35 31	24 23 48	23	21 22 7	5 1	3 8 59	4 6
17	S	5 39 27	25 21 3	23	5 26 4	30 9	6	4 2
18	S	5 43 24	26 18 18	23	18 30 3	46 13	43	4 1
19	M	5 47 20	27 15 32	23	26 1 20	2 51	17 39	3 59
20	Tu	5 51 17	28 12 45	23	27 13 56	1 48	20 42	3 57
21	W	5 55 13	29 9 59	23	28 26 20	0 42	22 43	3 55
22	Th	5 59 10	0 7 11	23	28 8 33	0 8 26	23 37	3 53
23	F	6 3 7	1 4 23	23	28 20 37	1 32	23 24	3 51
24	S	6 7 3	2 1 35	23	27 2 34	2 33	22 5	3 49
25	S	6 11 0	2 58 47	23	26 14 25	3 27	19 49	3 47
26	M	6 14 56	3 55 59	23	24 26 15	4 12	16 43	3 45
27	Tu	6 18 53	4 53 11	23	22 8 7	4 46	12 56	3 43
28	W	6 22 49	5 50 23	23	20 20 5	5 8	8 39	3 41
29	Th	6 26 46	6 47 36	23	17 2 13	5 17	3 58	3 39
30	F	6 30 42	7 44 48	23	14 14 35	5 12	0 N 58	3 37

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	28 21	8 8 42	2 N 4	21 N 24	1 N 49	25 N 4	5 58
4	2 25	7 58	2 7	23 54	2 1	25 28	4 58
7	2 30	7 16	2 6	23 22	2 5	25 30	4 48
10	2 34	6 33	2 6	22 42	2 3	25 13	4 39
13	2 38	5 51	2 5	21 58	1 54	24 40	4 29
16	2 42	5 9	2 3	21 7	1 39	23 53	4 20
19	2 46	4 26	2 1	20 14	1 18	22 58	4 10
22	2 50	3 44	1 57	19 14	0 51	21 56	4 1
25	2 54	3 2	1 52	18 13	0 19	20 49	3 51
28	2 58	2 22	1 45	17 9	0 17	19 42	3 42

D M	h	Long.	♂ Long.	♀ Long.	♀ Long.	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♂	♀	♂	♀	♂	♀
1	12	17	0 18	13 25	17 14	22 27								☐
2	12	16	0 19	14 6	18 24	26	*	Δ	*	♂				
3	12	15	0 20	14 46	19 34	23	☉ Δ ♀							☐
4	12	14	0 21	15 26	20 44	19								*
5	12	13	0 23	16 6	21 54	0 12	☿ ☐ ♀						*	
6	12	12	0 24	16 46	23 4	2		♂			Δ		*	
7	12	10	0 26	17 26	24 13	3 48	♂			Δ		☐		
8	12	9	0 28	18 6	25 23	5 32					☐			
9	12	7	0 30	18 45	26 32	7 14						Δ		♂
10	12	6	0 32	19 25	27 41	8 55					*		♂	
11	12	4	0 35	20 42	30 50	10 33				Δ	♂			
12	12	2	0 37	20 44	29 59	12 8	♀ * ♀	*						
13	12	0	0 40	21 23	1 02	8 13	☉ ☐ ♂			☐				*
14	11	58	0 43	22 2	2 17	15 8					♂	♂		
15	11	56	0 46	23 41	3 25	16 35		*		Δ				*
16	11	54	0 49	23 19	4 34	17 59	♀ Δ ♀	Δ						☐
17	11	52	0 53	23 58	5 42	19 20					☐			☐
18	11	50	0 56	24 37	6 51	20 38							Δ	Δ
19	11	47	1 0	25 15	7 59	21 54		♂		*				
20	11	45	1 4	25 53	9 7	23 7			*				Δ	
21	11	42	1 8	26 31	10 15	24 16		♂				☐	☐	
22	11	39	1 12	27 9	11 23	25 22	♀ ♂ ♀							
23	11	36	1 17	27 47	12 30	26 25	☉ ☐ ♀							
24	11	33	1 21	28 25	13 37	27 25			*		Δ	*		♂
25	11	30	1 26	29 3	14 45	28 23				♂			♂	
26	11	27	1 31	29 40	15 52	29 17					☐			
27	11	24	1 36	0 17	16 59	0 7		Δ						
28	11	21	1 41	0 54	18 6	0 54	♂ Δ ♂							
29	11	18	1 46	1 31	19 13	1 37	♂ ♂ ♀	☐	Δ			♂	♂	Δ
30	11	15	1 51	2 8	20 20	2 16	♀ * ♀			*				

JULY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 45	0 N 6	20 S 47	0 S 45	18 S 10	1 N 18	0 N 24
4	15 45	0 6	20 46	0 45	18 13	1 18	0 17
7	15 45	0 6	20 45	0 46	18 16	1 17	0 9
10	15 46	0 6	20 44	0 46	18 20	1 17	0 1
13	15 46	0 6	20 44	0 47	18 23	1 16	0 S 8
16	15 46	0 6	20 43	0 47	18 27	1 16	0 17
19	15 46	0 6	20 43	0 47	18 31	1 15	0 27
22	15 46	0 6	20 42	0 47	18 35	1 14	0 38
25	15 47	0 6	20 42	0 48	18 38	1 13	0 49
28	15 47	0 6	20 41	0 48	18 42	1 13	1 0
31	15 47	0 6	20 41	0 48	18 46	1 13	1 11

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	6 34 39	8 42	1 23 N	11 27 r 16	4 S 52	5 N 58	3 f 35
2	S	6 38 36	9 39 14	23	7 10 r 19	4 16	10 53	3 R 33
3	M	6 42 32	10 36 27	23	2 23 47	3 25	15 26	3 31
4	Tu	6 46 29	11 33 41	22	58 7 II 41	2 21	19 18	3 29
5	W	6 50 25	12 30 54	22	52 21 59	1 6	22 8	3 27
6	Th	6 54 22	13 28 8	22	49 6 r 38	0 N 15	23 33	3 25
7	F	6 58 18	14 25 23	22	41 21 33	1 36	23 19	3 24
8	S	7 2 15	15 22 37	22	35 6 Ω 34	2 51	21 25	3 22
9	S	7 6 11	16 19 51	22	28 21 33	3 54	18 2	3 21
10	M	7 10 8	17 17 6	22	22 6 m 23	4 41	13 31	3 19
11	Tu	7 14 5	18 14 20	22	13 20 56	5 8	8 19	3 18
12	W	7 18 1	19 11 34	22	5 5 Δ 9	5 16	2 47	3 17
13	Th	7 21 58	20 8 49	21	57 18 59	5 5	2 S 44	3 15
14	F	7 25 54	21 6 3	21	48 2 m 27	4 33	7 59	3 14
15	S	7 29 51	22 3 16	21	39 15' 34	3 56	12 45	3 13
16	S	7 33 47	23 0 30	21	30 28 22	3 4	16 50	3 11
17	M	7 37 44	23 57 45	21	20 10 f 55	2 4	20 4	3 10
18	Tu	7 41 40	24 55 0	21	10 23 15	0 58	22 19	3 8
19	W	7 45 37	25 52 15	21	0 5 v 24	0 S 8	23 29	3 7
20	Th	7 49 34	26 49 30	20	49 17 26	1 14	23 33	3 6
21	F	7 53 30	27 46 46	20	38 29 21	2 16	23 31	3 5
22	S	7 57 27	28 44 3	20	26 11 m 13	3 11	20 29	3 4
23	S	8 1 23	29 41 20	20	14 23 4	3 58	17 35	3 3
24	M	8 5 20	0 Ω 38 38	20	2 4 x 54	4 35	13 59	3 2
25	Tu	8 9 16	1 35 56	19	49 16 48	5 0	9 49	3 1
26	W	8 13 13	2 33 16	19	37 28 47	5 12	5 15	3 0
27	Th	8 17 9	3 30 37	19	23 10 r 56	5 10	0 26	2 59
28	F	8 21 6	4 27 58	19	10 23 17	4 54	4 N 29	2 58
29	S	8 25 3	5 25 21	18	56 5 r 54	4 24	9 21	2 57
30	S	8 28 59	6 22 45	18	42 18 52	3 40	18 55	2 57
31	M	8 32 56	7 20 10	18	27 2 II 13	2 43	17 58	2 56

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	3 8 2	1 8 42	1 N 40	15 N 57	0 8 58	18 N 36	8 53 2
4	3 6	1 2	1 32	14 48	1 41	17 35	3 22
7	3 10	0 23	1 23	13 28	2 26	16 42	3 13
10	3 14	0 N 14	1 12	12 9	3 10	15 59	3 3
13	3 18	0 51	1 3	10 50	3 51	15 29	2 54
16	3 22	1 26	0 50	9 32	4 25	15 15	2 44
19	3 25	2 2	0 38	8 4	4 48	15 17	2 35
22	3 28	2 36	0 23	6 40	4 57	15 34	2 25
25	3 32	3 8	0 8	5 14	4 50	16 3	2 16
28	3 35	3 38	0 8 15	3 49	4 29	16 42	2 6
31	3 38	4 9	0 26	2 23	3 55	17 25	1 57

D M	h ₂		♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
1	11 11	1 57	2 44	21 27	2 52	2 52	♂ Δ ♂						Δ	
2	11 8	2 3	3 21	22 33	3 24	3 24	♂ Δ ♀	*		□			□	□
3	11 4	2 9	3 58	23 39	3 51	3 51	♀ Δ ♀						□	
4	11 1	2 15	4 34	24 45	4 13	4 13			♂	Δ	Δ	*		*
5	10 57	2 21	5 10	25 51	4 31	4 31							*	
6	10 54	2 27	5 46	26 57	4 45	4 45		♂			□	□		
7	10 50	2 34	6 21	28 3	4 54	4 54			Δ	♂	*	Δ		♂
8	10 46	2 40	6 56	29 9	4 58	4 58								
9	10 42	2 47	7 30	0 14	4 58	4 58			□				♂	
10	10 38	2 54	8 5	1 19	4 58	4 58								
11	10 34	3 1	8 39	2 24	4 43	4 43		*						
12	10 30	3 8	9 14	3 28	4 29	4 29	♀ □ ♀		*	Δ	♂	♂		*
13	10 26	3 15	9 48	4 32	4 10	4 10	♂ * ♀	□						
14	10 22	3 23	10 22	5 36	3 47	3 47	♀ * ♀					*	□	
15	10 18	3 30	10 55	6 40	3 20	3 20	♀ * ♀			□				
16	10 14	3 38	11 28	7 44	2 49	2 49	♀ * ♀	Δ	♂		*			Δ
17	10 10	3 45	12 1	8 47	2 15	2 15				*		Δ	□	
18	10 6	3 53	12 34	9 50	1 38	1 38								
19	10 1	4 1	13 6	10 53	0 58	0 58					□		Δ	
20	9 57	4 9	13 38	11 55	0 16	0 16						□		
21	9 53	4 18	14 9	12 57	29 33	29 33	☉ ☉ ♀	♂	*		Δ			♂
22	9 48	4 26	14 41	13 59	28 52	28 52		☉ ☉ ♀		♂		*		
23	9 44	4 35	15 12	15 1	28 11	28 11								
24	9 40	4 43	15 44	16 3	27 31	27 31			□					
25	9 35	4 52	16 15	17 4	26 51	26 51							♂	
26	9 31	5 1	16 45	18 4	26 19	26 19		Δ	Δ		♂			Δ
27	9 26	5 10	17 15	19 4	25 43	25 43	☉ Δ ♀			*				
28	9 22	5 19	17 44	20 4	25 15	25 15		□				♂		□
29	9 17	5 28	18 14	21 4	24 51	24 51	☉ * ♀			□				
30	9 13	5 37	18 43	22 4	24 33	24 33								*
31	9 8	5 56	19 12	23 3	24 20	24 20		*	♂		Δ		Δ	

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 N 6	20 S 40	0 S 49	18 S 47	1 N 12	18 15
4	15	47	0 6	20 40	0 49	18 51	1 12	1 27
7	15	48	0 6	20 40	0 49	18 55	1 11	1 39
10	15	48	0 6	20 40	0 49	18 59	1 11	1 51
13	15	49	0 6	20 40	0 50	19 2	1 10	2 4
16	15	49	0 6	20 40	0 50	19 6	1 10	2 17
19	15	50	0 6	20 40	0 50	19 9	1 10	2 30
22	15	50	0 6	20 40	0 50	19 12	1 10	2 43
25	15	51	0 6	20 40	0 50	19 16	1 9	2 57
28	15	51	0 6	20 41	0 50	19 19	1 9	3 10
31	15	52	0 6	20 41	0 50	19 22	1 9	3 24

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	8 36 52	8 2 17 37	18 N 13	16 11 1	1 S 34	21 N 10	2 7 56
2	W	8 40 49	9 15 51	17 58	0 25 16	0 18 23	10	2 8 35
3	Th	8 44 45	10 12 33	17 42	14 56	1 N 2 23	39	2 9 55
4	F	8 48 42	11 10 31	17 26	29 55	2 19 22	27	2 11 55
5	S	8 52 38	12 7 35	17 11	15 2	3 27 19	37	2 13 55
6	S	8 56 35	13 5 6	16 54	0 22	4 20 15	24	2 15 55
7	M	9 0 32	14 2 39	16 38	15 29	4 55 10	16	2 17 54
8	Tu	9 4 28	15 0 13	16 21	0 18	5 9 4	37	2 19 54
9	W	9 8 25	15 57 48	16 4	14 43	5 3 18	8	2 21 54
10	Th	9 12 21	16 55 24	15 47	28 41	4 39 6	40	2 23 54
11	F	9 16 18	17 53 0	15 29	12 10	4 0 11	41	2 25 53
12	S	9 20 14	18 50 37	15 11	25 14	3 10 16	1	2 27 53
13	S	9 24 11	19 48 15	14 53	7 56	2 11 19	29	2 29 53
14	M	9 28 7	20 45 54	14 35	20 19	1 8 21	59	2 31 53
15	Tu	9 32 4	21 43 34	14 17	2 29	0 3 23	24	2 33 53
16	W	9 36 1	22 41 15	13 58	14 29	1 8 2 23	42	2 35 54
17	Th	9 39 57	23 38 57	13 39	26 22	2 2 22	54	2 37 54
18	F	9 43 54	24 36 40	13 20	8 13	2 58 21	5	2 39 54
19	S	9 47 50	25 34 23	13 1	20 3	3 45 18	22	2 41 54
20	S	9 51 47	26 32 11	12 41	1 54	4 23 14	53	2 43 54
21	M	9 55 43	27 29 58	12 21	13 49	4 49 10	49	2 45 55
22	Tu	9 59 40	28 27 47	12 1	25 48	5 3 6	18	2 47 55
23	W	10 3 36	29 25 38	11 41	7 52	5 8 1	31	2 49 55
24	Th	10 7 33	0 23 31	11 21	20 6	4 50 3	N 23	2 51 56
25	F	10 11 30	1 21 24	11 0	2 30	4 23 8	14	2 53 57
26	S	10 15 26	2 19 20	10 39	15 7	3 42 12	51	2 55 59
27	S	10 19 23	3 17 18	10 19	28 2	2 50 16	59	2 57 59
28	M	10 23 19	4 15 18	9 58	11 17	1 47 20	23	3 0
29	Tu	10 27 16	5 13 19	9 37	24 55	0 36 22	45	3 1
30	W	10 31 12	6 11 23	9 15	8 58	0 N 38	23	3 2
31	Th	10 35 9	7 9 28	8 53	23 27	1 53 23	17	3 3

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N 5	20 S 42	0 S 50	19 S 22	1 N 8	3 S 30
4	15	54	0 5	20 43	0 50	19 25	1 8	3 44
7	15	55	0 5	20 44	0 51	19 28	1 7	3 58
10	15	56	0 5	20 45	0 51	19 30	1 7	4 12
13	15	57	0 5	20 46	0 51	19 32	1 7	4 27
16	15	57	0 5	20 46	0 51	19 34	1 7	4 42
19	15	58	0 5	20 47	0 51	19 36	1 6	4 57
22	15	59	0 5	20 48	0 51	19 37	1 6	5 12
25	16	0	0 5	20 49	0 51	19 38	1 6	5 27
28	16	0	0 5	20 51	0 51	19 39	1 6	5 42

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	10 39 5	8 ^m 7 36	8 N 32	8 Ω 18	3 N 2	21 N 8	3 f 4
2	S	10 43 2	9 5 45	8 10 23	56	3 59	17 29	3 5
3	S	10 46 59	10 3 56	7 48	8 ^m 40	4 39	12 38	3 6
4	M	10 50 55	11 2 9	7 26	23 51	5 0	7 2	3 7
5	Tu	10 54 52	12 0 24	7 4	8 ^m 48	5 0	1 6	3 8
6	W	10 58 48	12 58 40	6 42	23 21	4 40	4 S 45	3 10
7	Th	11 2 45	13 56 58	6 19	7 ^m 27	4 3	10 10	3 11
8	F	11 6 41	14 55 17	5 57	21 8	3 14	14' 55	3 13
9	S	11 10 38	15 53 37	5 34	4 f 10	2 16	18 46	3 14
10	S	11 14 34	16 52 0	5 11	16 52	1 13	21 36	3 16
11	M	11 18 31	17 50 23	4 49	29 13	0 8	23 20	3 17
12	Tu	11 22 28	18 48 49	4 26	11 ^m 20	0 S 56	23 55	3 19
13	W	11 26 24	19 47 15	4 3	23 16	1 57	23 22	3 21
14	Th	11 30 21	20 45 44	3 40	5 ^m 7	2 51	21 47	3 23
15	F	11 34 17	21 44 14	3 17	16 56	3 38	19 15	3 25
16	S	11 38 14	22 42 46	2 54	28 47	4 16	15 55	3 26
17	S	11 42 10	23 41 20	2 31	10 ^m 42	4 43	11 55	3 28
18	M	11 46 7	24 39 55	2 7	22 42	4 57	7 27	3 29
19	Tu	11 50 3	25 38 33	1 44	4 ^m 50	4 58	2 38	3 30
20	W	11 54 0	26 37 12	1 21	17 6	4 46	2 N 19	3 32
21	Th	11 57 56	27 35 54	0 57	29 31	4 19	7 16	3 34
22	F	12 1 53	28 34 38	0 43	12 ^m 6	3 40	11 59	3 36
23	S	12 5 50	29 33 24	0 11	24 52	2 49	16 15	3 38
24	S	12 9 46	0 ^m 32 12	0 S 13	7 ^m 51	1 49	19 51	3 40
25	M	12 13 43	1 31 2	0 36	21 6	0 41	22 29	3 42
26	Tu	12 17 39	2 29 55	1 0	4 ^m 39	0 N 30	23 53	3 44
27	W	12 21 36	3 28 51	1 23	18 32	1 42	23 52	3 46
28	Th	12 25 32	4 27 49	1 47	2 Ω 45	2 49	22 18	3 48
29	F	12 29 29	5 26 49	2 10	17 18	3 46	19 15	3 50
30	S	12 33 25	6 25 51	2 33	2 ^m 8	4 29	14 55	3 53

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 S 58	7 N 43	4 S 26	11 S 50	1 N 46	11 N 19	0 15
4	3 58	7 52	4 52	12 47	1 42	9 5	0 5
7	3 57	7 59	5 18	13 54	1 33	6 46	29 56
10	3 55	8 4	5 56	14 45	1 19	4 24	29 46
13	3 54	8 6	6 10	15 36	1 3	2 2	29 37
16	3 51	8 6	6 35	16 16	0 45	0 S 18	29 27
19	3 48	8 5	6 59	16 50	0 25	2 35	29 18
22	3 43	8 3	7 18	17 8	0 4	4 49	29 8
25	3 38	7 57	7 37	17 25	0 S 17	6 59	28 59
28	3 32	7 50	7 46	17 20	0 39	9 4	28 49

D M	\hbar Long.	γ Long.	δ Long.	ζ Long.	η Long.	Mutual Aspts.	Lunar Aspects.					
	° /	° /	° /	° /	° /		\odot	\square	\hbar	γ	δ	ζ
1	6 55	11 28	29 50	19 46	5 2				Δ	δ	*	
2	6 51	11 40	29 59	20 22	6 59						Δ	*
3	6 48	11 52	0 8	20 57	8 55		δ	\square				δ
4	6 45	12 4	0 16	21 30	10 50	$\odot \delta \eta$			*	Δ	δ	
5	6 42	12 16	0 23	22 2	12 44			*	Δ	δ		
6	6 39	12 28	0 29	22 33	14 37	$\eta \square \delta$		*			δ	δ
7	6 36	12 40	0 34	23 3	16 29			*		\square		δ
8	6 33	12 52	0 38	23 31	18 20				δ	*		*
9	6 30	13 4	0 41	23 58	20 10			δ	*			
10	6 27	13 16	0 43	24 23	21 59		\square			*		
11	6 24	13 28	0 45	24 46	23 47						Δ	*
12	6 21	13 40	0 46	25 8	25 34					\square		δ
13	6 19	13 53	0 46	25 28	27 19		Δ		*	δ		Δ
14	6 16	14 5	0 46	25 46	29 3			*	δ		\square	
15	6 14	14 18	0 45	26 2	0 46				*	δ	Δ	
16	6 11	14 30	0 43	26 16	2 29				\square		*	Δ
17	6 9	14 43	0 39	26 28	4 11	$\eta * \square$					*	
18	6 7	14 55	0 34	26 38	5 51	$\eta \Delta \hbar$	δ					δ
19	6 5	15 8	0 28	26 47	7 30			Δ	*			
20	6 3	15 20	0 22	26 53	9 8					δ		δ
21	6 1	15 33	0 15	26 56	10 45				\square		δ	δ
22	5 59	15 46	0 7	26 56	12 21						δ	
23	5 57	15 59	29 58	26 54	13 56		Δ					
24	5 55	16 12	29 48	26 50	15 31	$\eta \delta \gamma$		δ	Δ			
25	5 54	16 25	29 38	26 44	17 5					Δ	Δ	Δ
26	5 52	16 37	29 27	26 35	18 38		\square				*	
27	5 51	16 50	29 15	26 24	20 10	$\odot * \square$		*	Δ	δ	\square	\square
28	5 49	17 3	29 2	26 11	21 40			*			\square	\square
29	5 48	17 16	28 49	25 56	23 10	$\odot \Delta \hbar$			*		*	*
30	5 47	17 29	28 35	25 39	24 39			\square			Δ	*

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 N 5	20 53	0 51	19 40	1 N 6	5 56
4	16	1	0 5	20 54	0 51	19 41	1 6	6 11
7	16	2	0 5	20 56	0 51	19 41	1 6	6 26
10	16	3	0 5	20 57	0 51	19 41	1 6	6 41
13	16	4	0 5	20 58	0 51	19 41	1 5	6 56
16	16	5	0 5	20 59	0 51	19 41	1 5	7 11
19	16	5	0 5	21 1	0 51	19 40	1 5	7 25
22	16	6	0 5	21 3	0 51	19 40	1 5	7 40
25	16	7	0 5	21 5	0 51	19 39	1 5	7 54
28	16	7	0 5	21 7	0 51	19 38	1 5	8 8
31	16	8	0 5	21 9	0 51	19 36	1 5	8 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	12 37 22	7 24 56	2 57	17 6	4 N 55	9 N 37	3 56
2	M	12 41 19	8 24 3	3 20	2 5	5 0	3 46	3 55
3	Tu	12 45 15	9 23 12	3 43	16 54	4 45	2 15	4 1
4	W	12 49 12	10 22 23	4 7	1 25	4 12	8 2	4 4
5	Th	12 53 6	11 21 35	4 30	15 31	3 24	13 15	4 6
6	F	12 57 5	12 20 50	4 53	29 10	2 25	17 38	4 9
7	S	13 1 1	13 20 7	5 16	12 21	1 20	20 58	4 12
8	S	13 4 58	14 19 25	5 39	25 7	0 14	23 9	4 14
9	M	13 8 54	15 18 45	6 2	7 31	0 52	24 7	4 17
10	Tu	13 12 51	16 18 7	6 25	19 39	1 54	23 54	4 20
11	W	13 16 47	17 17 31	6 48	1 36	2 50	22 35	4 22
12	Th	13 20 44	18 16 56	7 11	13 27	3 38	20 17	4 25
13	F	13 24 41	19 16 23	7 33	25 17	4 17	17 8	4 28
14	S	13 28 37	20 15 52	7 56	7 10	4 44	13 17	4 31
15	S	13 32 34	21 15 22	8 18	19 10	4 54	8 53	4 34
16	M	13 36 30	22 14 56	8 40	1 19	5 2	4 5	4 37
17	Tu	13 40 27	23 14 31	9 2	13 38	4 50	0 N 56	4 40
18	W	13 44 23	24 14 7	9 24	26 5	4 24	6 0	4 43
19	Th	13 48 20	25 13 46	9 46	8 50	3 45	10 54	4 46
20	F	13 52 16	26 13 27	10 8	21 43	2 53	15 25	4 49
21	S	13 56 13	27 13 10	10 30	4 47	1 52	19 17	4 52
22	S	14 0 10	28 12 55	10 51	18 2	0 44	22 11	4 55
23	M	14 4 6	29 12 42	11 12	1 25	0 N 25	23 55	4 58
24	Tu	14 8 3	0 m 12 32	11 33	15 7	1 40	24 15	5 2
25	W	14 11 59	1 12 24	11 54	28 56	2 46	23 6	5 5
26	Th	14 15 56	2 12 18	12 15	13 3	3 44	20 30	5 8
27	F	14 19 52	3 12 15	12 36	27 20	4 29	16 37	5 12
28	S	14 27 49	4 12 14	12 56	11 27	4 57	11 44	5 15
29	S	14 23 45	5 12 16	13 16	26 20	5 7	6 9	5 18
30	M	14 31 42	6 12 19	13 36	10 53	4 56	0 14	5 22
31	Tu	14 35 39	7 12 25	13 56	25 19	4 27	5 39	5 25

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 5	21 S 10	0 S 51	19 S 35	1 N 5	8 S 27
4	16	10	0 5	21 12	0 51	19 33	1 5	8 41
7	16	11	0 5	21 14	0 51	19 32	1 6	8 55
10	16	12	0 5	21 16	0 51	19 30	1 6	9 9
13	16	12	0 5	21 17	0 51	19 27	1 6	9 22
16	16	13	0 5	21 19	0 51	19 25	1 6	9 35
19	16	14	0 5	21 21	0 51	19 22	1 6	9 48
22	16	14	0 5	21 22	0 51	19 19	1 6	10 1
25	16	15	0 5	21 24	0 51	19 16	1 6	10 14
28	16	15	0 5	21 26	0 51	19 13	1 6	10 26

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	14 39 35	8 m 12 32	14 S 15	9 m 33	3 N 42	11 S 11	5 f 28
2	Th	14 43 32	9 12 41	14 35 23	27 2 44	16 1	5 31	
3	F	14 47 28	10 12 52	14 54 7	0 1 38	19 53	5 34	
4	S	14 51 25	11 13 5	15 13 20	9 0 28	22 38	5 38	
5	S	14 55 21	12 13 20	15 31 2	56 0 8	41 24	7 5 42	
6	M	14 59 18	13 13 36	15 49 15	13 1 46	24 20	5 45	
7	Tu	15 3 14	14 13 53	16 8 27	33 2 45	23 23	5 49	
8	W	15 7 11	15 14 12	16 25 9	m 32 3 87	21 22	5 52	
9	Th	15 11 8	16 14 33	16 43 21	25 4 18	18 26	5 56	
10	F	15 15 4	17 14 55	17 0 3	× 16 4 48	14 48	5 59	
11	S	15 19 1	18 15 18	17 17 15	11 5 6	10 32	6 2	
12	S	15 22 57	19 15 43	17 34 27	14 5 11	5 51	6 5	
13	M	15 26 54	20 16 9	17 50 9	τ 28 5 1	0 52	6 9	
14	Tu	15 30 50	21 16 36	18 6 21	56 4 38	4 N 15	6 12	
15	W	15 34 47	22 17 5	18 22 4	50 4 0	9 19	6 16	
16	Th	15 38 43	23 17 36	18 37 17	39 3 9	14 5	6 19	
17	F	15 42 40	24 18 8	18 52 0	Π 54 2 7	18 17	6 22	
18	S	15 46 37	25 18 41	19 7 14	22 0 57	21 36	6 26	
19	S	15 50 33	26 19 17	19 21 28	2 0 N 17	23 44	6 30	
20	M	15 54 30	27 19 54	19 35 11	52 1 32	24 28	6 34	
21	Tu	15 58 26	28 20 33	19 49 25	50 2 42	23 39	6 38	
22	W	16 2 23	29 21 13	20 2 9	Ω 54 3 43	21 22	6 41	
23	Th	16 6 19	0 f 21 55	20 15 24	2 4 80	17 46	6 45	
24	F	16 10 16	1 22 39	20 27 8	m 13 5 1	18 9	6 49	
25	S	16 14 12	2 23 25	20 40 22	24 5 14	7 49	6 52	
26	S	16 18 9	3 24 12	20 51 6	△ 34 5 8	2 7	6 56	
27	M	16 22 6	4 25 1	21 3 20	39 4 43	3 41	7 0	
28	Tu	16 26 2	5 25 52	21 14 4	m 36 4 2	9 16	7 3	
29	W	16 29 59	6 26 44	21 25 18	22 3 7	14 18	7 7	
30	Th	16 33 55	7 27 37	21 35 1	f 53 2 3	18 34	7 11	

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 S 34	6 N 4	3 S 17	7 S 28	2 S 37	22 S 10	27 II 1
4	1 23	6 3	2 39	7 3	2 6	21 30	26 51
7	1 11	6 1	1 53	6 19	1 21	20 14	26 42
10	1 0	6 3	1 22	6 4	0 24	18 25	26 32
13	0 49	6 7	0 39	5 47	0 N 37	16 21	26 23
16	0 39	6 14	0 10	5 51	1 31	14 31	26 13
19	0 29	6 23	0 N 22	5 54	2 8	13 21	26 4
22	0 20	6 35	0 45	6 10	2 27	12 59	25 54
25	0 11	6 47	1 13	6 31	2 31	13 19	25 45
28	0 2	7 4	1 38	7 0	2 25	14 8	25 35

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
	° /	° /	° /	° /								
1	6 ^m 52	24 ^h 24	19 ^r 12	11 ^h 15	27 ^m 32	♂		☐				♂
2	6 7	24 37	18 R 59	11 R 11	27 R 25		♂	*			*	♂
3	6 10	24 50	18 47	11 D 10	27 9		♂	*		*		♂
4	6 12	25 3	18 36	11 12	26 45				*	Δ		
5	6 15	25 16	18 25	11 16	26 11							
6	6 17	25 29	18 15	11 23	25 26		*			☐	☐	
7	6 20	25 41	18 6	11 33	24 31		*		♂	☐		*
8	6 23	25 54	17 58	11 45	23 28		*				Δ	*
9	6 26	26 6	17 51	11 58	22 18		☐			Δ	*	☐
10	6 29	26 19	17 45	12 13	21 2		☐					
11	6 32	26 31	17 39	12 30	19 43		Δ					Δ
12	6 35	26 44	17 34	12 49	18 23	☉ ♂ ♀		Δ	*			
13	6 38	26 56	17 30	13 9	17 3			Δ	*		♂	
14	6 41	27 9	17 26	13 31	15 48					♂		
15	6 45	27 21	17 23	13 55	14 40							
16	6 48	27 34	17 21	14 21	13 40		♂					♂
17	6 52	27 46	17 D 20	14 49	12 50		♂	Δ				♂
18	6 54	27 59	17 21	15 20	12 11					*	Δ	
19	6 59	28 11	17 22	15 53	11 45					Δ		
20	7 3	23 23	17 24	16 27	11 31					☐	☐	Δ
21	7 7	28 35	17 27	17 2	11 D 27		Δ			☐		
22	7 11	28 47	17 30	17 38	11 34	♀ ♂ ♂		Δ	♂			☐
23	7 15	28 59	17 34	18 15	11 51		☐		*	Δ	*	
24	7 19	29 11	17 38	18 53	12 17			☐				*
25	7 23	29 23	17 43	19 31	12 52							
26	7 27	29 35	17 49	20 10	13 35		*	*	Δ			
27	7 32	29 47	17 56	20 51	14 24					♂	♂	
28	7 36	29 59	18 4	21 34	15 18				☐	♂		
29	7 41	0 ^m 11	18 12	22 19	16 18	☉ ♂ ☿	☿					♂
30	7 45	0 23	18 21	23 6	17 22	☉ * ♀	♂	♂	*			

DECEMBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16 15		0 N 4	21 S 29	0 S 50	19 S 9	1 N 7	10 S 38
4	16 15		0 4	21 32	0 50	19 5	1 7	10 49
7	16 16		0 4	21 34	0 50	19 1	1 8	11 1
10	16 16		0 4	21 35	0 50	18 57	1 8	11 12
13	16 16		0 4	21 36	0 51	18 53	1 8	11 23
16	16 16		0 4	21 38	0 51	18 48	1 8	11 33
19	16 17		0 4	21 40	0 51	18 43	1 9	11 44
22	16 17		0 4	21 41	0 51	18 39	1 9	11 54
25	16 17		0 4	21 43	0 51	18 34	1 10	12 3
28	16 17		0 4	21 45	0 51	18 29	1 10	12 12
31	16 17		0 4	21 47	0 51	18 25	1 10	12 21

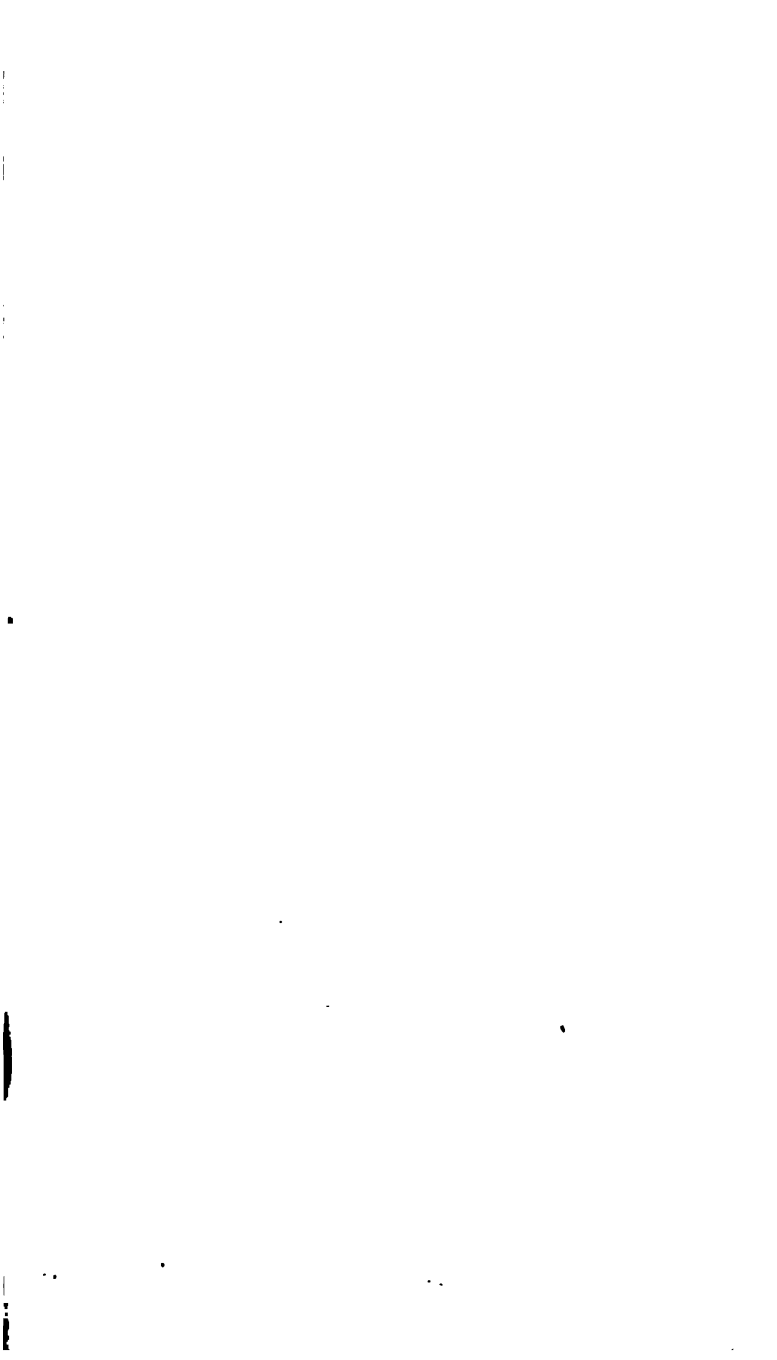
D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin. ° ' "	♃ Long. ° ' "
1	F	16 37 52	8 7 28 31	21 S 44	15 7 9	0 N 52	21 S 46	7 7 15
2	S	16 41 48	9 29 27 21	54 28	7 08 19	23 46	7 18	7 18
3	S	16 45 45	10 30 23 22	210 47	1 28 24	30 7 22	7 22	7 22
4	M	16 49 41	11 31 21 22	11 23 12	2 31 23	57 7 26	7 26	7 26
5	Tu	16 53 38	12 32 19 22	19 5 22	3 27 22	18 7 30	7 30	7 30
6	W	16 57 35	13 33 18 22	27 17 23	4 12 19	38 7 33	7 33	7 33
7	Th	17 1 31	14 34 18 22	34 29 16	4 46 16	12 7 37	7 37	7 37
8	F	17 5 28	15 35 18 22	41 11 8	5 8 12	19 7 41	7 41	7 41
9	S	17 9 24	16 36 19 22	47 23 3	5 17 7	37 7 44	7 44	7 44
10	S	17 13 21	17 37 21 22	53 5 5	5 12 2	45 7 48	7 48	7 48
11	M	17 17 17	18 38 23 22	59 17 20	4 53 2	N 18 7 52	7 52	7 52
12	Tu	17 21 14	19 39 26 23	4 29 50	4 20 7	22 7 55	7 55	7 55
13	W	17 25 10	20 40 29 23	8 12 39	3 33 12	16 7 59	7 59	7 59
14	Th	17 29 7	21 41 32 23	12 25 50	2 34 16	45 8 3	8 3	8 3
15	F	17 33 4	22 42 36 23	16 9 21	1 24 20	29 8 7	8 7	8 7
16	S	17 37 0	23 43 41 23	19 23 12	0 8 23	10 8 10	8 10	8 10
17	S	17 40 57	24 44 46 23	22 7 20	1 N 9 24	25 8 14	8 14	8 14
18	M	17 44 53	25 45 52 23	24 21 40	2 24 24	5 8 17	8 17	8 17
19	Tu	17 48 50	26 46 59 23	25 6 7	3 30 22	9 8 20	8 20	8 20
20	W	17 52 46	27 48 6 23	27 20 36	4 22 18	47 8 24	8 24	8 24
21	Th	17 56 43	28 49 14 23	27 5 2	4 59 14	18 8 27	8 27	8 27
22	F	18 0 39	29 50 23 23	28 19 21	5 16 9	4 8 31	8 31	8 31
23	S	18 4 36	0 51 32 23	28 3 30	5 13 3	24 8 34	8 34	8 34
24	S	18 8 32	1 52 43 23	27 17 27	4 53 28	21 8 37	8 37	8 37
25	M	18 12 29	2 53 54 23	26 1 11	4 15 7	55 8 40	8 40	8 40
26	Tu	18 16 26	3 55 5 23	24 14 42	3 24 13	1 8 44	8 44	8 44
27	W	18 20 22	4 56 17 23	22 28 1	2 23 17	25 8 48	8 48	8 48
28	Th	18 24 19	5 57 29 23	20 11 6	1 15 20	54 8 51	8 51	8 51
29	F	18 28 15	6 58 42 23	17 23 58	0 4 23	16 8 54	8 54	8 54
30	S	18 32 12	7 59 54 23	13 6 38	1 S 5 24	23 8 57	8 57	8 57
31	S	18 36 8	9 1 7 23	9 19 5	2 11 24	16 9 1	9 1	9 1

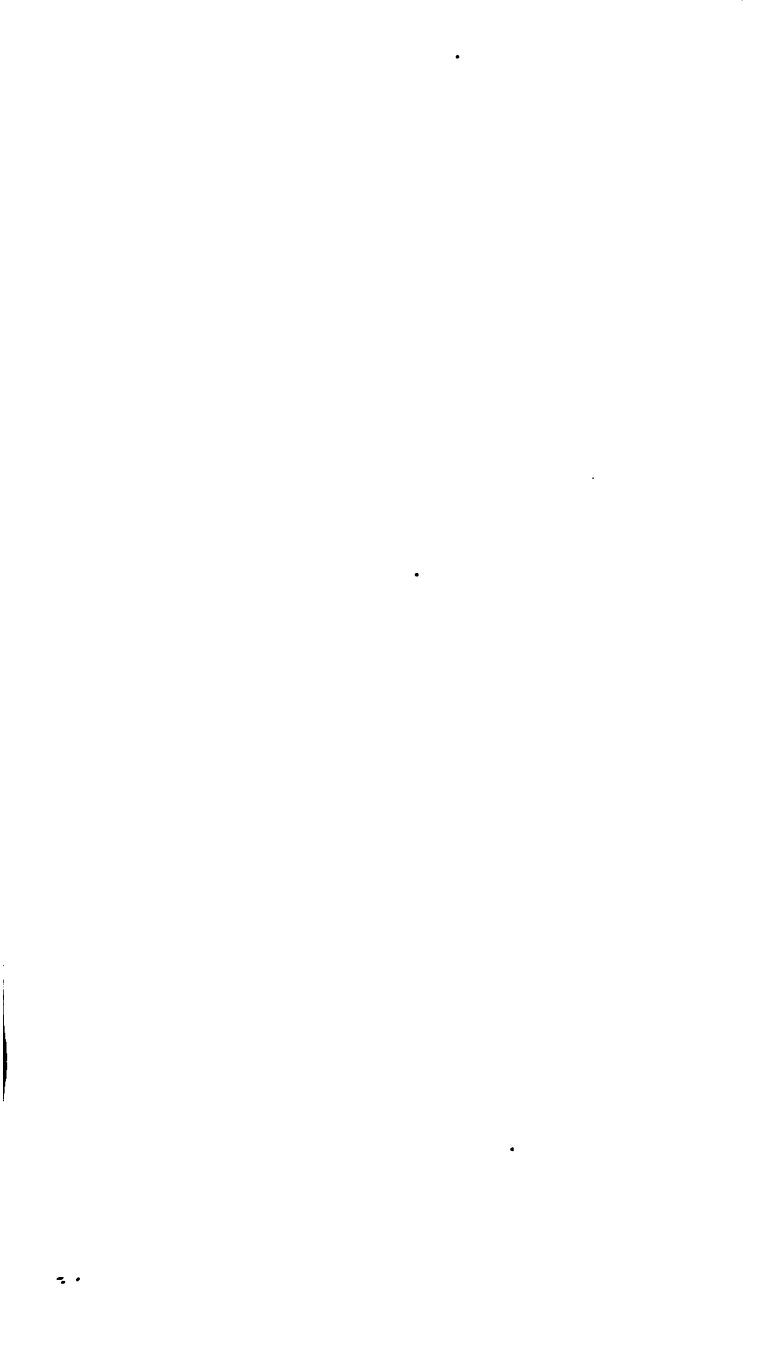
DECEMBER XXXI DAYS.

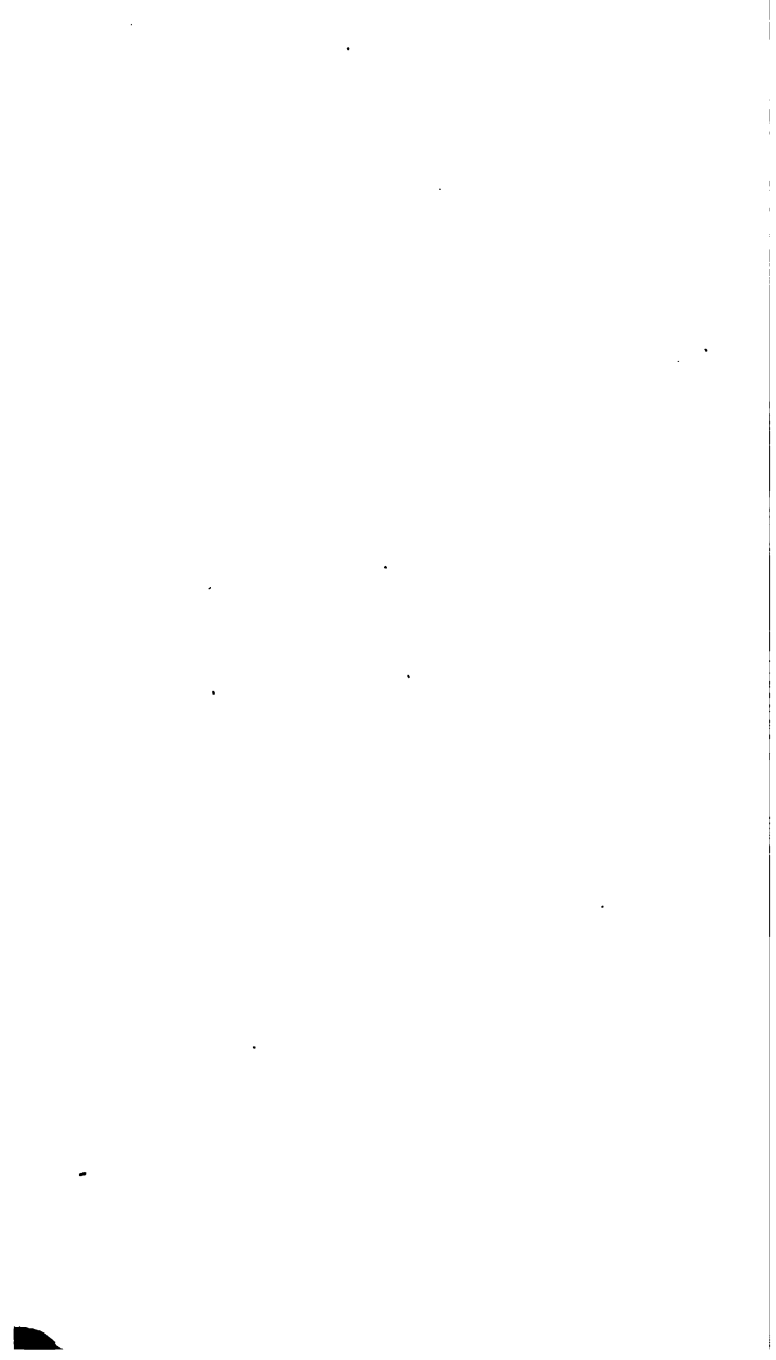
D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 5	7 N 20	1 N 54	7 S 81	2 N 11	15 S 14	25 II 26
4	0 12	7 40	2 12	8 10	1 54	16 30	25 17
7	0 19	8 0	2 24	8 50	1 33	17 49	25 7
10	0 25	8 22	2 37	9 37	1 11	19 7	24 58
13	0 30	8 45	2 46	10 21	0 49	20 20	24 48
16	0 35	9 10	2 53	11 11	0 26	21 26	24 39
19	0 40	9 35	3 1	11 58	0 4	22 25	24 29
22	0 45	10 3	3 5	12 43	0 S 17	23 14	24 20
25	0 49	10 31	3 8	13 39	0 37	23 54	24 10
28	0 53	11 0	3 10	14 32	0 56	24 23	23 1
31	0 57	11 34	3 11	15 15	1 13	24 40	23 51

D M	\hbar	λ	δ	ζ	ζ	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌	♍
	° /	° /	° /	° /	° /								
1	7 m 50	0 m 34	18 r 30	23 Δ 54	18 m 29							Δ	
2	7 55	0 46	18 40	24 42	19 40						*		*
3	8 0	0 57	18 51	25 31	20 55								
4	8 5	1 9	19 3	26 20	22 13							□	□ *
5	8 10	1 20	19 15	27 9	23 32		*	♈	□				
6	8 15	1 31	19 28	27 59	24 52		*					*	
7	8 20	1 42	19 41	28 50	26 14						Δ		Δ □
8	8 25	1 53	19 55	29 42	27 37		□	□					
9	8 30	2 4	20 10	0 m 35	29 2								
10	8 36	2 15	20 25	1 29	0 r 28				Δ	*			Δ
11	8 41	2 26	20 40	2 24	1 55	♀ ☉ ♀	Δ					♈	♈
12	8 46	2 37	20 56	3 19	3 22						♈		♈
13	8 52	2 47	21 13	4 15	4 50	☉ Δ ♈				□			
14	8 57	2 58	21 30	5 11	6 18	♀ ☉ ☿							
15	9 3	3 8	21 48	6 8	7 47			♈	Δ				♈
16	9 9	3 19	22 6	7 5	9 17	♀ * ♈	♈					*	
17	9 15	3 29	22 25	8 3	10 47							Δ	Δ
18	9 21	3 40	22 44	9 1	12 17	♀ □ ♈						□	□
19	9 27	3 50	23 3	10 0	13 48			Δ	♈			□	□
20	9 33	4 0	23 10	10 59	15 19							Δ	Δ
21	9 39	4 10	23 43	11 59	16 50		Δ	□		*		*	
22	9 45	4 20	24 4	12 59	18 22								□
23	9 51	4 30	24 25	14 0	19 54		□	*	Δ				
24	9 57	4 40	24 47	15 1	21 26								*
25	10 3	4 49	25 10	16 3	22 58		*			♈	♈		
26	10 10	4 59	25 32	17 5	24 31	♀ Δ ♈				□			♈
27	10 16	5 8	25 55	18 7	26 4	☉ * ♀							
28	10 23	5 17	26 18	19 10	27 37			♈	*				
29	10 29	5 26	26 41	20 13	29 11							Δ	♈
30	10 36	5 35	27 5	21 17	0 w 45		♈				*		
31	10 42	5 44	27 29	22 21	2 19							*	*









RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1816.

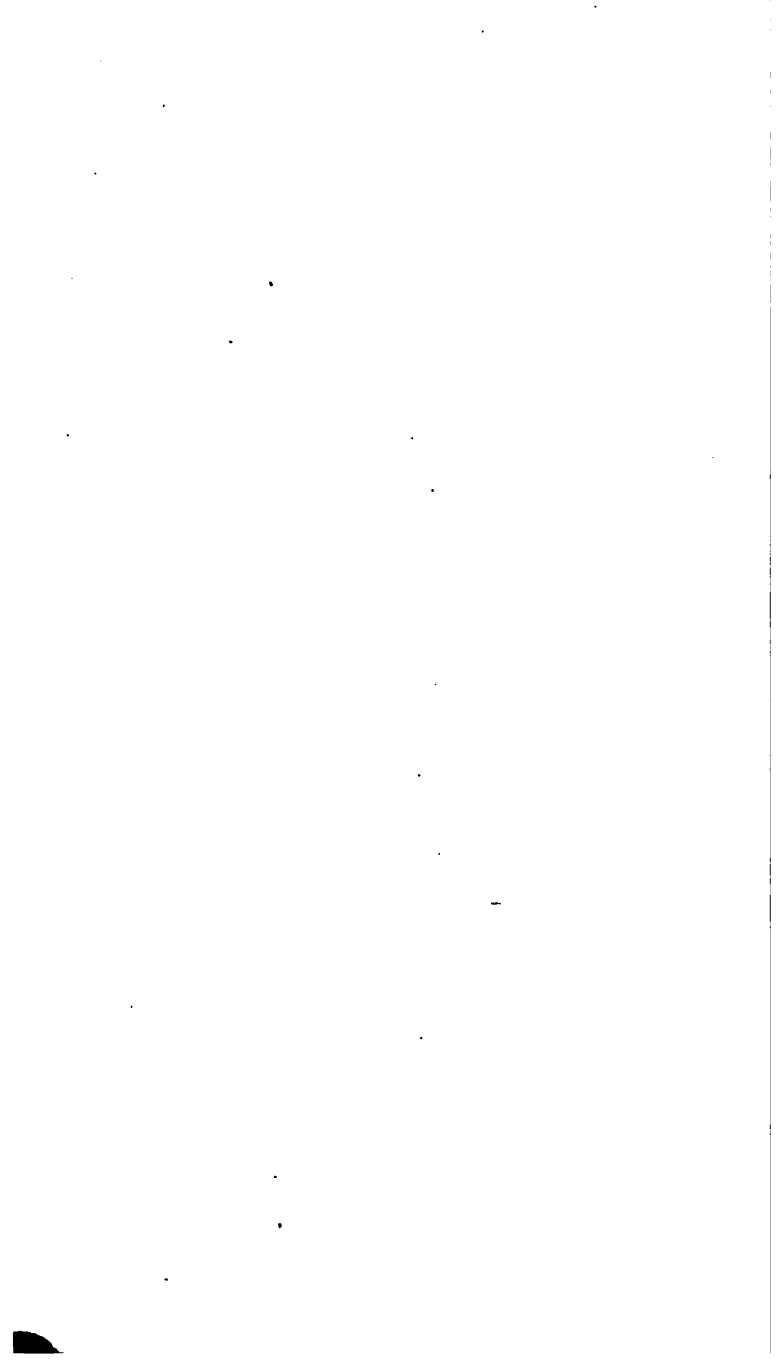
(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(A. N.) 937 c. 163



RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANET'S PLACES

For 1816.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 N 4	21 S 46	0 S 51	18 S 21	1 N 10	12 S 23
4	16	15	0 4	21 48	0 51	18 16	1 10	12 31
7	16	16	0 4	21 50	0 51	18 11	1 11	12 39
10	16	16	0 4	21 51	0 51	18 5	1 11	12 46
13	16	17	0 4	21 52	0 51	17 59	1 12	12 53
16	16	17	0 4	21 53	0 51	17 53	1 12	12 59
19	16	17	0 4	21 54	0 52	17 48	1 13	13 5
22	16	18	0 4	21 55	0 52	17 42	1 13	13 10
25	16	18	0 4	21 56	0 52	17 36	1 14	13 15
28	16	18	0 4	21 57	0 52	17 30	1 14	13 20
31	16	18	0 4	21 58	0 52	17 24	1 15	13 24

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	18 40 5	10 w 2 20	23 S 5	1 m 22	3 S 9	22 S 57	9 7 5
2	Tu	18 44 2	11 3 33	23 0 13	28 3 58	20 35	9 8	
3	W	18 47 58	12 4 45	22 55 25	27 4 35	17 22	9 11	
4	Th	18 51 55	13 5 57	22 49 7	20 5 13	29 9	14	
5	F	18 55 51	14 7 9	22 43 19	11 5 14	9 5	17	
6	S	18 59 48	15 8 20	22 36 1	5 5 13	4 21	9 20	
7	S	19 3 44	16 9 31	22 29 13	4 5 59	0 N 35	9 22	
8	M	19 7 41	17 10 41	22 22 25	15 4 31	5 34	9 26	
9	Tu	19 11 37	18 11 51	22 14 7	42 3 50	10 28	9 30	
10	W	19 15 34	19 13 0	22 5 20	28 2 57	15 3	9 33	
11	Th	19 19 31	20 14 8	21 56 3	38 1 53	19 3	9 37	
12	F	19 23 27	21 15 15	21 47 17	15 0 40	22 11	9 40	
13	S	19 27 24	22 16 22	21 37 1	5 17 0 N	37 24	9 43	
14	S	19 31 20	23 17 29	21 27 15	43 1 53	24 25	9 46	
15	M	19 35 17	24 18 35	21 17 0	27 3 4	23 4	9 49	
16	Tu	19 39 13	25 19 40	21 6 15	23 4 3	20 6	9 52	
17	W	19 43 10	26 20 44	20 54 0	21 4 45	15 48	9 55	
18	Th	19 47 6	27 21 49	20 43 15	14 5 8	10 33	9 57	
19	F	19 51 3	28 22 52	20 30 29	52 5 10	4 48	10 0	
20	S	19 55 0	29 23 56	20 18 14	12 4 53	1 S 6	10 3	
21	S	19 58 56	0 m 24 59	20 5 28	11 4 19	6 48	10 5	
22	M	20 2 53	1 26 2	19 52 11	48 3 30	12 3	10 8	
23	Tu	20 6 49	2 27 4	19 38 25	5 2 32	16 36	10 11	
24	W	20 10 46	3 28 5	19 24 8	4 1 27	20 15	10 13	
25	Th	20 14 42	4 29 6	19 10 20	49 0 18	22 50	10 16	
26	F	20 18 39	5 30 6	18 55 3	20 0 S 49	24 15	10 19	
27	S	20 22 35	6 31 8	18 40 15	42 1 54	24 25	10 21	
28	S	20 26 32	7 32 4	18 24 27	55 2 52	23 25	10 23	
29	M	20 30 29	8 33 2	18 9 10	0 3 42	21 19	10 26	
30	Tu	20 34 25	9 33 59	17 52 22	0 4 21	18 18	10 28	
31	W	20 38 22	10 34 54	17 36 3	55 4 49	14 34	10 30	

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 58	11 N 38	3 N 10	15 S 35	1 S 18	24 S 42	23 II 48
4	1 1	12 8	3 9	16 23	1 32	24 43	23 38
7	1 4	12 38	3 5	17 8	1 45	24 31	23 29
10	1 6	13 9	3 1	17 36	1 54	24 6	23 19
13	1 9	13 40	2 56	18 32	2 1	23 27	23 9
16	1 11	14 11	2 50	19 10	2 5	22 34	23 0
19	1 13	14 42	2 44	19 43	2 5	21 26	22 50
22	1 15	15 12	2 38	20 10	2 1	20 5	22 41
25	1 17	15 43	2 32	20 39	1 52	18 29	22 31
28	1 19	16 14	2 26	20 58	1 37	16 40	22 22
31	1 21	16 46	2 19	21 15	1 16	14 41	22 12

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	10 m 49	5 m 53	27 r 54	23 m 25	3 v 53								
2	10 56	6 28	28 19	24 30	5 28	♈ * ♈		*	♈				
3	11 2	6 11	28 44	25 35	7 3						*	☐	
4	11 9	6 19	29 10	26 40	8 39			☐		Δ			*
5	11 15	6 27	29 35	27 45	10 15		*						
6	11 22	6 35	0 8	28 50	11 51								Δ
7	11 29	6 43	0 27	29 55	13 28		☐	Δ	*				☐
8	11 36	6 51	0 54	1 7	15 5							♈	
9	11 43	6 59	1 21	2 7	16 43				☐	♈			
10	11 49	7 7	1 48	3 14	18 21		Δ						Δ
11	11 56	7 15	2 15	4 20	19 59	☉ ☉ ♈		♈				♈	
12	12 3	7 22	2 42	5 27	21 38				Δ				
13	12 10	7 29	3 10	6 34	23 18					Δ	*		
14	12 16	7 36	3 38	7 41	24 58								
15	12 23	7 43	4 6	8 48	26 38		♈			☐	☐		♈
16	12 30	7 50	4 35	9 56	28 19	♀ ☉ ♈		Δ	♈			Δ	
17	12 37	7 57	5 31	11 4	0 m 0						*	Δ	
18	12 44	8 3	5 32	12 12	1 42	♀ * ♈		☐		*		☐	
19	12 51	8 9	6 11	13 20	3 25		Δ						Δ
20	12 58	8 15	6 30	14 28	5 8			*	Δ			*	
21	13 5	8 21	6 59	15 37	6 51	♈ ☐ ♈							
22	13 12	8 27	7 29	16 46	8 35	♈ ☐ ♈	☐		☐	♈	♈		☐
23	13 19	8 33	7 59	17 55	10 19	♈ * ♈		*		*			*
24	13 26	8 39	8 29	19 4	12 3	♈ ☉ ♈		♈				♈	
25	13 34	8 44	8 59	20 13	13 48								
26	13 41	8 49	9 29	21 22	15 33					*			
27	13 48	8 54	10 0	22 31	17 17						Δ		
28	13 55	8 59	10 31	23 41	19 1			♈	*	♈	☐	☐	
29	14 2	9 4	11 2	24 50	20 45								
30	14 9	9 11	11 33	26 0	22 28	☉ ☐ ♈						*	♈
31	14 16	9 13	12 4	27 9	24 10	☉ * ♈				Δ			

FEBRUARY XXIX DAYS.

D M	Sun's Semidia		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	0 N 4	21 8 59	0 8 52	17 8 22	1 N 16	13 8 25
4	16	15	0 4	22 0	0 52	17 16	1 16	13 28
7	16	14	0 4	22 1	0 53	17 9	1 17	13 31
10	16	14	0 4	22 2	0 53	17 3	1 17	13 33
13	16	13	0 4	22 2	0 53	16 57	1 18	13 35
16	16	12	0 4	22 3	0 53	16 51	1 18	13 36
19	16	11	0 4	22 4	0 54	16 45	1 19	13 37
22	16	11	0 4	22 4	0 54	16 39	1 19	13 37
25	16	10	0 4	22 4	0 54	16 33	1 20	13 36
28	16	10	0 4	22 4	0 54	16 27	1 20	13 35

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.	
		H. M. S.	"	"	"	"	"	"	"	"	"	"	"	"	"
1	Th	20 42 18	11	35 48	17 8 19	15	47	5 8 4	10 8 16	10 132					
2	F	20 46 15	12	36 41	17 22 7	38	5	6 5	87	10 34					
3	S	20 50 11	13	37 32	16 45 9	31	4	54	0 44	10 36					
4	S	20 54 8	14	38 22	16 27 21	29	4	30	4 N 12	10 38					
6	M	20 58 4	15	39 10	16 10 3	36	3	54	9	4 10 40					
6	Tu	21 2 1	16	39 57	15 51 15	57	3	6	13 40	10 42					
7	W	21 5 58	17	40 42	15 33 28	37	2	8	17 47	10 44					
8	Th	21 9 54	18	41 26	15 14 11	40	1	12	1 12	10 46					
9	F	21 13 51	19	42 8	14 55 25	9	0	N 11	23 32	10 48					
10	S	21 17 47	20	42 43	14 36 9	5	1	25	24 33	10 50					
11	S	21 21 44	21	43 26	14 17 23	36	2	35	23 56	10 52					
12	M	21 25 40	22	44 3	13 57 8	29	3	37	21 39	10 54					
13	Tu	21 29 37	23	44 38	13 37 23	39	4	25	17 49	10 55					
14	W	21 33 33	24	45 11	13 17 8	57	4	55	12 46	10 57					
15	Th	21 37 30	25	45 43	12 57 24	12	5	3	6 58	10 59					
16	F	21 41 27	26	46 14	12 36 9	12	4	50	0 48	11 0					
17	S	21 45 23	27	46 44	12 15 23	50	4	19	5 8 14	11 1					
18	S	21 49 20	28	47 12	11 54 8	1	3	32	10 51	11 3					
19	M	21 53 16	29	47 39	11 33 21	44	2	34	15 44	11 4					
20	Tu	21 57 13	0	48 4	11 12 5	0	1	30	19 41	11 6					
21	W	22 1 9	1	48 28	10 51 17	54	0	23	22 32	11 7					
22	Th	22 5 6	2	48 51	10 29 0	29	0	8 44	24 12	11 8					
23	F	22 9 3	3	49 13	10 7 12	48	1	47	24 38	11 9					
24	S	22 13 0	4	49 33	9 45 24	57	2	45	23 52	11 10					
25	S	22 16 57	5	49 51	9 23 6	59	3	34	21 59	11 11					
26	M	22 20 54	6	50 8	9 1 18	55	4	13	19 10	11 12					
27	Tu	22 24 51	7	50 23	8 38 0	49	4	41	15 34	11 13					
28	W	22 28 48	8	50 36	8 16 12	41	4	56	11 22	11 14					
29	Th	22 32 45	9	50 48	7 53 24	33	4	59	6 45	11 15					

FEBRUARY XXIX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 21	16 N 55	2 N 16	21 S 21	1 S 8	13 S 58	22 II 9
4	1 22	17 25	2 1	21 29	0 38	11 49	22 0
7	1 23	17 54	1 46	21 36	0 2	9 40	21 50
10	1 24	18 23	1 35	21 34	0 N 41	7 38	21 41
13	1 25	18 51	1 24	21 29	1 28	5 55	21 31
16	1 26	19 19	1 13	21 18	2 16	4 40	21 22
19	1 27	19 46	1 2	21 1	2 58	4 5	21 12
22	1 27	20 11	0 50	20 38	3 29	4 31	21 3
25	1 28	20 37	0 42	20 11	3 43	5 0	20 53
29	1 28	21 2	0 33	19 37	3 38	6 14	20 44

D M	h	♄	♅	♆	♇	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	14 m 24	9 m 18	12 s 35	23 f 19	25 m 52			☐			*		
2	14 31	9 22 13	6 29	29 27 32								☐	
3	14 38	9 26 13	38	0 w 39 29	9	☉ ☐ ♄	*	Δ	*				
4	14 45	9 30 14	10 1	49 0 x 43		☉ ☐ ♄							
5	14 52	9 34 14	42 3	0 2 15		♄ ☐ ♄				♄		Δ	*
6	14 59	9 38 15	14 4	10 3 43			☐		☐		♄		
7	15 7	9 41 15	46 5	21 5 8				♄	Δ				☐
8	15 14	9 44 16	18 6	32 6 28	♀ * ♀		Δ						
9	15 21	9 47 16	50 7	42 7 42								♄	Δ
10	15 28	9 50 17	22 8	53 8 50	♀ Δ ♀					Δ			
11	15 35	9 53 17	54 10	4 9 51	♀ * ♀			Δ	♄		*		
12	15 42	9 55 18	26 11	15 10 44	♀ ☐ ♄				♄	☐			
13	15 50	9 57 18	59 12	26 11 29			♄				☐		
14	15 57	9 59 19	32 13	37 12 5				☐		*		Δ	♄
15	16 4 10	1 20	5 14	48 12 32							Δ		
16	16 11 10	3 20	38 15	53 12 50				*	Δ				
17	16 18 10	4 21	11 17	10 12 35 58			Δ					☐	Δ
18	16 25 10	5 21	44 18	21 12 55						♄			
19	16 33 10	6 22	18 19	33 12 40				☐		♄	*		
20	16 40 10	7 22	51 20	44 12 16			☐	♄					
21	16 47 10	8 23	25 21	56 11 44					*				☐
22	16 54 10	8 23	58 23	7 11 3	♀ ☐ ♄		*						
23	17 1 10	8 24	32 24	19 10 15	♀ Δ ♀					*			*
24	17 8 10	8 25	6 25	30 9 21							Δ	♄	
25	17 16 10	8 25	40 26	42 8 22	♀ Δ ♄		*			☐			
26	17 23 10	8 26	14 27	54 7 20	☉ ☐ ♄								♄
27	17 30 10	8 26	48 29	6 6 16			♄	☐		Δ		☐	
28	17 37 10	8 27	22 0 m 18	5 12									
29	17 44 10	7 27	56 1	30 4 9	☉ Δ ♀						*		

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 4	22 S 5	0 S 55	16 S 22	1 N 22	13 S 34
4	16	9	0 4	22 5	0 55	16 16	1 22	13 32
7	16	8	0 4	22 5	0 55	16 10	1 23	13 30
10	16	8	0 4	22 6	0 55	16 4	1 23	13 27
13	16	7	0 4	22 6	0 56	15 59	1 24	13 24
16	16	6	0 4	22 6	0 56	15 53	1 24	13 20
19	16	5	0 4	22 6	0 56	15 48	1 25	13 16
22	16	4	0 4	22 6	0 56	15 42	1 25	13 11
25	16	3	0 4	22 6	0 57	15 37	1 26	13 6
28	16	3	0 4	22 6	0 57	15 32	1 26	13 1
31	16	2	0 4	22 6	0 57	15 27	1 26	12 56

D M	D W	Sidereal Time.	☉ Long.		☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♂ Long.
		H. M. S.	°	'	°	°	'	°	'
1	F	22 36 42	10	50 58	7 S 30	6 7 26	4 S 49	1 S 52	11 7 16
2	S	22 40 38	11	51 5	7 7 18	22 4 26	3 N 6	11 16	11 16
3	S	22 44 34	12	51 10	6 44 0	23 3 51	8 1	11 17	11 17
4	M	22 48 31	13	51 14	6 21 12	32 3 5	12 40	11 18	11 18
5	Tu	22 52 28	14	51 15	5 58 24	52 2 10	16 54	11 18	11 18
6	W	22 56 24	15	51 14	5 35 7	11 29 1	7 20 28	11 19	11 19
7	Th	23 0 21	16	51 11	5 12 20	25 0 N 1	23 8	11 19	11 19
8	F	23 4 18	17	51 5	4 48 3	5 45 1	10 24 35	11 20	11 20
9	S	23 8 14	18	50 57	4 25 17	33 2 19	24 36	11 20	11 20
10	S	23 12 11	19	50 47	4 1 1	1 50 3	20 23 2	11 20	11 20
11	M	23 16 7	20	50 34	3 38 16	34 4 11	19 52	11 21	11 21
12	Tu	23 20 4	21	50 20	3 14 1	40 4 45	15 20	11 21	11 21
13	W	23 24 0	22	50 3	2 51 16	59 5 0	9 44	11 21	11 21
14	Th	23 27 57	23	49 44	2 27 2	20 4 53	3 33	11 21	11 21
15	F	23 31 53	24	49 24	2 4 17	30 4 25	2 S 48	11 21	11 21
16	S	23 35 50	25	49 1	1 40 2	21 3 40	8 51	11 21	11 21
17	S	23 39 47	26	48 36	1 16 16	45 2 42	14 16	11 21	11 21
18	M	23 43 43	27	48 10	0 52 0	7 39 1	36 18 45	11 21	11 21
19	Tu	23 47 40	28	47 42	0 29 14	3 0 27	22 4	11 21	11 21
20	W	23 51 36	29	47 13	0 5 27	1 0 S 43	24 8	11 21	11 21
21	Th	23 55 33	0	46 42	0 N 19	9 7 36	1 46 24	53	11 21
22	F	23 59 30	1	46 9	0 42 21	53 2 44	24 23	11 20	11 20
23	S	0 3 26	2	45 34	1 6 3	58 3 34	22 44	11 20	11 20
24	S	0 7 22	3	44 57	1 30 15	55 4 13	20 6	11 19	11 19
25	M	0 11 19	4	44 19	1 53 27	47 4 41	16 39	11 18	11 18
26	Tu	0 15 16	5	43 38	2 17 9	38 4 57	12 33	11 18	11 18
27	W	0 19 12	6	42 56	2 40 21	29 5 0	7 59	11 17	11 17
28	Th	0 23 9	7	42 12	3 4 3	7 23 4	50 3 5	11 17	11 17
29	F	0 27 5	8	41 26	3 27 15	22 4 27	1 N 56	11 16	11 16
30	S	0 31 2	9	40 38	3 50 27	25 3 52	6 57	11 16	11 16
31	S	0 34 58	10	39 48	4 14 9	35 3 7	11 45	11 15	11 15

MARCH XXXI DAYS.

D M	Ma s.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 29	21 N 17	0 N 22	19 S 13	3 N 24	7 S 11	20 □ 37
4	1 29	21 40	0 12	18 29	2 52	8 34	20 27
7	1 29	22 2	0 1	17 46	2 12	9 45	20 18
10	1 29	22 23	0 S 9	16 53	1 29	10 38	20 8
13	1 30	22 42	0 19	16 1	0 46	11 11	19 59
16	1 30	23 1	0 29	15 0	0 7	11 25	19 49
19	1 30	23 18	0 37	14 0	0 S 28	11 19	19 40
22	1 30	23 34	0 46	12 53	1 0	10 57	19 30
25	1 30	23 48	0 53	11 44	1 27	10 19	19 21
28	1 30	24 2	1 0	10 30	1 49	9 28	19 11
31	1 30	24 14	1 6	9 5	2 7	8 19	19 2

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
	° /	° /	° /	° /	° /	° /							
1	17 51	10 m 6	28 30	2 42	3 8				Δ			*	
2	17 57	10 R 5	29 5	3 54	2 R 12		☉ □ ♀		*				
3	18 4	10 4	29 39	5 6	1 22							□	*
4	18 11	10 2	0 □ 13	6 18	0 37		♀ □ ♂	*		□	♂		
5	18 18	10 0	0 48	7 30	29 m 59							♂	□
6	18 26	9 58	1 22	8 42	29 28				♂			Δ	
7	18 31	9 56	1 56	9 54	29 4		♀ □ ♀	□		Δ			
8	18 38	9 54	2 21	11 6	28 47		♀ * ♀				Δ		Δ
9	18 44	9 51	3 5	12 18	28 35			Δ					
10	18 51	9 48	3 40	13 30	28 D 28						*		
11	18 57	9 45	4 14	14 43	28 28				Δ	♂	□	♂	
12	19 4	9 42	4 49	15 55	28 35						□		♂
13	19 10	9 39	5 24	17 8	28 47			♂	□		*		
14	19 17	9 36	5 59	18 20	29 5						Δ		
15	19 23	9 33	6 34	19 33	29 28		♀ ♂ h		*	Δ		Δ	
16	19 29	9 29	7 9	20 45	29 55						♂		Δ
17	19 35	9 25	7 44	21 58	0 * 27					□		□	
18	19 41	9 21	8 19	23 10	1 3			Δ					□
19	19 47	9 17	8 54	24 23	1 44				♂	*		♂	
20	19 53	9 13	9 29	25 35	2 28			□				*	*
21	19 59	9 9	10 4	26 48	3 15						*		
22	20 5	9 5	10 40	28 0	4 6								
23	20 11	9 1	11 15	29 13	5 0		♂ ♂ ♀	*			□		
24	20 17	8 56	11 50	0 * 25	5 57				*	♂		Δ	
25	20 22	8 51	12 26	1 38	6 58							♂	
26	20 28	8 45	13 1	2 50	8 1				□		Δ	□	♂
27	20 34	8 39	13 36	4 3	9 6		♀ Δ ♀						
28	20 40	8 33	14 12	5 16	10 13			♂					
29	20 45	8 27	14 47	6 28	11 23		♀ □ ♀		Δ	*		*	
30	20 51	8 21	15 22	7 41	12 35								
31	20 59	8 15	15 58	8 54	13 49		♀ Δ ♀				♂	*	*

APRIL XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	1	0 N 4	22 S 6	0 S 58	15 S 25	1 N 26	12 N 53
4	16	0	0 4	22 6	0 58	15 20	1 26	12 47
7	15	59	0 4	22 5	0 59	15 16	1 27	12 40
10	15	58	0 4	22 4	0 59	15 12	1 27	12 33
13	15	58	0 3	22 4	1 0	15 8	1 27	12 26
16	15	57	0 3	22 4	1 0	15 4	1 27	12 19
19	15	56	0 3	22 3	1 1	15 0	1 27	12 11
22	15	56	0 3	22 2	1 1	14 56	1 27	12 3
25	15	55	0 3	22 2	1 2	14 53	1 27	11 56
28	15	54	0 3	22 1	1 2	14 50	1 27	11 48

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	0 38 55	11 7 38 55	4 N 37	21 8 52	2 S 11	16 N 8	11 7 15
2	Tu	0 42 51	12 38 0	5 0	4 11 21	1 9	19 54	11 14
3	W	0 46 48	13 37 3	5 23	17 2	0 22	22 48	11 13
4	Th	0 50 44	14 36 3	5 46	0 25 0	1 N 7	24 35	11 12
5	F	0 54 41	15 35 2	6 8	13 18	2 14	25 1	11 11
6	S	0 58 38	16 33 58	6 31	26 58	3 15	23 58	11 10
7	S	1 2 34	17 32 51	6 54	11 2	4 6	21 25	11 9
8	M	1 6 31	18 31 42	7 16	25 30	4 43	17 28	11 8
9	Tu	1 10 27	19 30 31	7 38	10 18	5 3	12 22	11 7
10	W	1 14 24	20 29 17	8 1	25 21	5 2	6 28	11 5
11	Th	1 18 20	21 28 1	8 23	10 29	4 40	0 8	11 4
12	F	1 22 17	22 26 44	8 45	25 32	3 58	6 8	11 2
13	S	1 26 13	23 25 25	9 6	10 20	3 2	12 4	11 1
14	S	1 30 10	24 24 3	9 28	24 46	1 54	17 8	10 59
15	M	1 34 7	25 22 40	9 50	8 46	0 42	21 6	10 58
16	Tu	1 38 3	26 21 15	10 11	22 17	0 8	31 23	45 10 56
17	W	1 42 0	27 19 48	10 32	5 22	1 40	25 1	10 55
18	Th	1 45 56	28 18 20	10 53	18 2	2 42	24 55	10 54
19	F	1 49 52	29 16 51	11 14	0 24	3 34	23 34	10 52
20	S	1 53 49	0 15 20	11 34	12 31	4 16	21 9	10 50
21	S	1 57 46	1 13 47	11 55	24 28	4 46	17 52	10 49
22	M	2 1 42	2 12 12	12 15	6 20	5 4	13 53	10 48
23	Tu	2 5 39	3 10 36	12 35	18 11	5 8	9 24	10 46
24	W	2 9 36	4 8 59	12 55	0 4	4 59	4 33	10 44
25	Th	2 13 32	5 7 19	13 15	12 3	4 38	0 N 30	10 42
26	F	2 17 28	6 5 39	13 34	24 8	4 3	5 36	10 40
27	S	2 21 24	7 3 56	13 53	6 21	3 17	10 33	10 39
28	S	2 25 20	8 2 12	14 12	18 44	2 21	15 9	10 37
29	M	2 29 12	9 0 25	14 31	1 17	1 18	19 10	10 35
30	Tu	2 33 16	9 58 37	14 49	14 2	0 9	22 21	10 33

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 30	24 N 17	1 S 9	8 S 51	2 S 12	7 S 55	18 11 58
4	1 30	24 26	1 15	7 31	2 23	6 31	18 48
7	1 30	24 35	1 20	6 13	2 30	4 56	18 39
10	1 30	24 42	1 24	4 51	2 33	3 11	18 29
13	1 29	24 48	1 28	3 28	2 30	1 13	18 20
16	1 29	24 52	1 31	2 3	2 23	0 N 51	18 10
19	1 29	24 55	1 34	0 39	2 12	3 5	18 1
22	1 29	24 56	1 36	0 N 47	1 55	5 27	17 52
25	1 28	24 56	1 37	2 11	1 35	7 55	17 42
28	1 28	24 54	1 38	3 45	1 10	10 27	17 33

D M	\hbar	γ	δ	ζ	ζ	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		\odot	\hbar	γ	δ	ζ	ζ	ζ	ζ
1	21 22	8 9	16 11	34 10	7 15	$\odot \Delta \hbar$			\square					
2	21 8	8 3	17 10	11 19	16 22	$\zeta \square \hbar$								
3	21 13	7 57	17 45	12 32	17 42	$\zeta \square \delta$	$*$	δ	Δ		δ	\square	\square	
4	21 18	7 51	18 21	13 45	19 5			δ						
5	21 23	7 44	18 56	14 58	20 29		\square		Δ		Δ			
6	21 28	7 37	19 32	16 11	21 55			Δ	Δ		\square			Δ
7	21 33	7 30	20 8	17 24	23 22			Δ		δ	$*$			
8	21 38	7 23	20 43	18 36	24 51			\square		$*$				
9	21 43	7 16	21 19	19 49	26 21					$*$		\square	δ	δ
10	21 48	7 9	21 55	21 2	27 53	$\delta \Delta \hbar$								
11	21 53	6 2	22 31	22 15	29 27	$\odot * \hbar$	$*$		Δ		Δ			
12	21 58	6 55	23 7	23 28	1 2	$\zeta \square \delta$	δ		Δ		Δ			
13	22 2	6 48	23 43	24 41	2 39					δ				
14	22 7	6 41	24 19	25 54	4 18	$\odot * \delta$		δ	\square		Δ			
15	22 11	6 34	24 55	27 7	5 58			δ						Δ
16	22 16	6 27	25 31	28 20	7 40		Δ	$*$		δ		\square	\square	
17	22 20	6 19	26 7	29 33	9 24	$\zeta \Delta \hbar$				$*$		\square	\square	
18	22 24	6 11	26 43	0 46	11 9									
19	22 28	6 3	27 19	1 59	12 56		\square					$*$		
20	22 32	5 55	27 55	3 12	14 44			$*$						$*$
21	22 36	5 48	28 31	4 25	16 34				δ		Δ			
22	22 40	5 40	29 7	5 38	18 26		$*$	\square		Δ				
23	22 44	5 33	29 49	6 51	20 19							\square		
24	22 48	5 25	0 19	8 4	22 14	$\zeta * \hbar$							δ	
25	22 52	5 17	0 55	9 17	24 11	$\odot \delta \gamma$		Δ						
26	22 55	5 10	1 31	10 30	26 10	$\zeta \Delta \hbar$			$*$					δ
27	22 59	5 2	2 7	11 43	28 10		δ			δ	$*$			
28	23 2	4 54	2 43	12 56	0 12				\square					
29	23 6	4 47	3 19	14 9	2 15	$\zeta * \delta$		δ						
30	23 9	4 39	3 55	15 22	4 20	$\zeta \delta \gamma$		δ					$*$	

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N	3 22 S	0 18	3 14 S	47 1 N	26 11 S
4	15	54	0	3 21	59 1	3 14	45 1	26 11
7	15	53	0	3 21	57 1	4 14	43 1	26 11
10	15	52	0	3 21	56 1	4 14	41 1	26 11
13	15	51	0	3 21	56 1	5 14	39 1	25 11
16	15	51	0	3 21	55 1	5 14	38 1	25 11
19	15	50	0	3 21	55 1	6 14	37 1	24 11
22	15	50	0	3 21	54 1	7 14	36 1	24 10
25	15	49	0	3 21	52 1	8 14	35 1	23 10
28	15	49	0	3 21	51 1	8 14	35 1	23 10
31	15	48	0	3 21	50 1	8 14	35 1	23 10
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	W	2 37 8	10 56	47 15 N	8 26	11 59	1 N	1 24 N
2	Th	2 41 5	11 54	55 15	26 10	5 10	2 9	25 14
3	F	2 45 1	12 53	2 15	43 23	36 3	12	24 33
4	S	2 48 58	13 51	6 16	1 7	18 4	5	22 25
5	S	2 52 54	14 49	8 16	18 21	17 4	45	18 55
6	M	2 56 51	15 47	9 16	35 5	33 5	8	14 15
7	Tu	3 0 47	16 45	7 16	52 20	2 5	12	8 43
8	W	3 4 44	17 43	3 17	8 4	41 4	56	2 40
9	Th	3 8 40	18 40	58 17	24 19	24 4	20	3 S
10	F	3 12 37	19 38	51 17	40 4	24 3	28	9 38
11	S	3 16 34	20 36	42 17	55 18	34 2	22	15 5
12	S	3 20 30	21 34	32 18	11 2	7 48	1 9	19 37
13	M	3 24 27	22 32	20 18	25 16	41 0	S	7 22
14	Tu	3 28 23	23 30	7 18	40 0	11 1	20	24 48
15	W	3 32 20	24 27	53 18	54 13	17 2	26	25 15
16	Th	3 36 16	25 25	38 19	8 26	2 3	25	24 19
17	F	3 40 13	26 23	22 19	22 8	27 4	12	22 13
18	S	3 44 9	27 21	4 19	35 20	38 4	46	19 9
19	S	3 48 6	28 18	46 19	48 2	38 5	7	15 19
20	M	3 52 3	29 16	27 20	1 14	32 5	15	10 56
21	Tu	3 55 59	0 14	0 20	13 26	24 5	10	6 10
22	W	3 59 56	1 11	45 20	25 8	20 4	51	1 9
23	Th	4 3 52	2 9	23 20	37 20	22 4	19	3 N
24	F	4 7 49	3 7	0 20	48 2	34 3	35	9 0
25	S	4 11 45	4 4	36 20	59 14	57 2	40	13 47
26	S	4 15 42	5 2	11 21	10 27	35 1	37	18 4
27	M	4 19 38	5 59	45 21	20 10	26 0	27	21 35
28	Tu	4 23 35	6 57	17 21	30 23	32 0	N	45 24
29	W	4 27 32	7 54	49 21	39 6	53 1	56	25 13
30	Th	4 31 28	8 52	19 21	48 20	26 3	2	24 55
31	F	4 35 25	9 49	48 21	57 4	11 3	59	23 5

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 27	24 N 50	1 8 38	5 N 2	0 8 42	13 N 1	17 ♀ 23
4	1 27	24 45	1 37	6 26	0 12	15 31	17 13
7	1 26	24 39	1 35	7 48	0 N 20	17 54	17 4
10	1 26	24 31	1 33	9 10	0 51	20 4	16 54
13	1 25	24 22	1 31	10 29	1 19	21 55	16 45
16	1 25	24 10	1 28	11 45	1 42	23 24	16 35
19	1 24	23 58	1 24	13 2	2 0	24 30	16 26
22	1 24	23 43	1 20	14 14	2 11	25 13	16 16
25	1 23	23 28	1 15	15 24	2 14	25 35	16 7
28	1 23	23 9	1 9	16 29	2 11	25 38	15 57
31	1 23	22 50	1 4	17 38	2 0	25 26	15 48

D M	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	23 12	4 31	4 32	16 36	6 25	♈ Δ ♈	*	Δ				
2	23 15	4 23	5 8	17 49	8 32				Δ	♈		*
3	23 18	4 15	5 44	19 2	10 40						□	□
4	23 21	4 8	6 21	20 15	12 50		□		□			□
5	23 24	4 0	6 57	21 28	15 0	☉ ☉ ♈	Δ	♈			Δ	
6	23 27	3 53	7 33	22 41	17 11		□		*	*		
7	23 30	3 46	8 10	23 54	19 21	♀ * ♈	Δ	*				Δ
8	23 33	3 38	8 46	25 7	21 32			*			□	
9	23 35	3 31	9 23	26 20	23 42	♈ □ ♈		Δ			♈	♈
10	23 38	3 24	9 59	27 33	25 51				♈	Δ	♈	
11	23 40	3 17	10 36	28 46	28 0		♈		□			
12	23 42	3 10	11 12	29 59	0 7			♈				♈
13	23 44	3 3	11 49	1 12	2 13				♈			
14	23 46	2 56	12 25	2 25	4 17	☉ □ ♈			*	*	Δ	
15	23 48	2 50	13 2	3 38	6 20	♀ ♈ ♈					♈	
16	23 50	2 43	13 38	4 51	8 21		Δ			□		
17	23 52	2 37	14 15	6 4	10 20	♈ ♈ ♈		*				□ Δ
18	23 54	2 30	14 51	7 17	12 16				♈			
19	23 55	2 24	15 28	8 31	14 8		□		Δ			
20	23 57	2 18	16 4	9 44	15 58		□			Δ	*	□
21	23 58	2 12	16 41	10 57	17 45		*					
22	23 59	2 6	17 17	12 10	19 30			Δ				
23	24 0	2 0	17 54	13 23	21 12				*		□	*
24	24 1	1 54	18 30	14 36	22 51					♈		
25	24 2	1 49	19 7	15 50	24 27	♈ Δ ♈					*	♈
26	24 3	1 43	19 44	17 3	26 0			♈ ♈		□		
27	24 4	1 38	20 20	18 17	27 29							♈
28	24 4	1 33	20 57	19 30	28 55				Δ			
29	24 5	1 28	21 34	20 43	0 18	♀ * ♈				Δ		
30	24 5	1 23	22 10	21 57	1 38	♀ Δ ♈					♈	*
31	24 5	1 18	22 47	23 10	2 56	☉ ♈ ♈	*	Δ		□		

JUNE XXX DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "			° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15	48		0 N 3	21 S 49	1 S 9	14 S 35	1 N 21	10 S 39
4	15	48		0 3	21 47	1 9	14 36	1 21	10 34
7	15	47		0 3	21 46	1 10	14 36	1 20	10 32
10	15	47		0 3	21 45	1 10	14 37	1 19	10 29
13	15	46		0 3	21 45	1 11	14 39	1 18	10 27
16	15	46		0 3	21 44	1 11	14 40	1 17	10 26
19	15	46		0 3	21 43	1 12	14 42	1 16	10 25
22	15	46		0 3	21 42	1 12	14 45	1 16	10 24
25	15	46		0 3	21 41	1 13	14 47	1 15	10 24
28	15	45		0 3	21 40	1 13	14 50	1 15	10 25

D M	D W	Sidereal Time.			☉ Long.			☉ Declin			☽ Long.			☽ Lat.			☽ Declin			♃ Long.		
		H. M. S.			° ' "			° ' "			° ' "			° ' "			° ' "			° ' "		
1	S	4	38	21	10	11	47	16	22	N 5	18	2	7	4	N 42	19	N 53	9	18			
2	S	4	43	18	11	44	43	22	13	2	13	5	9	15	30	9	16					
3	M	4	47	14	12	42	8	22	21	16	25	5	17	10	14	9	14					
4	Tu	4	51	13	13	39	32	22	28	0	42	5	6	4	24	9	12					
5	W	4	55	7	14	36	55	22	35	15	0	4	36	1	8	41	9	9				
6	Th	4	59	4	15	34	16	22	41	29	18	3	49	7	40	9	7					
7	F	5	3	1	16	31	37	22	47	13	30	2	48	13	14	9	4					
8	S	5	6	57	17	28	57	22	52	27	33	1	37	18	3	9	2					
9	S	5	10	54	18	26	16	22	58	11	24	0	22	21	48	8	59					
10	M	5	14	50	19	23	34	23	2	24	59	0	8	51	24	15	8	57				
11	Tu	5	18	47	20	20	51	23	7	8	17	2	3	25	15	8	54					
12	W	5	22	43	21	18	8	23	11	21	16	3	6	24	50	8	52					
13	Th	5	26	40	22	15	25	23	14	3	58	3	58	23	8	8	49					
14	F	5	30	36	23	12	41	23	17	16	23	4	37	20	20	8	47					
15	S	5	34	33	24	9	56	23	20	28	35	5	3	16	43	8	44					
16	S	5	38	30	25	7	12	23	23	10	36	5	15	12	27	8	43					
17	M	5	42	26	26	4	27	23	24	22	31	5	14	7	46	8	39					
18	Tu	5	46	23	27	1	42	23	26	4	25	4	59	2	49	8	37					
19	W	5	50	19	27	58	57	23	27	16	21	4	31	2	N 16	8	35					
20	Th	5	54	17	28	56	12	23	27	28	25	3	51	7	19	8	33					
21	F	5	58	13	29	53	27	23	28	10	40	3	0	12	11	8	30					
22	S	6	2	9	0	50	42	23	28	23	11	2	0	16	39	8	28					
23	S	6	6	5	1	47	57	23	27	6	0	0	52	20	29	8	26					
24	M	6	10	2	2	45	11	23	26	19	8	0	N 20	23	21	8	23					
25	Tu	6	13	59	3	42	26	23	25	2	35	1	33	25	0	8	21					
26	W	6	17	56	4	39	40	23	23	16	20	2	42	25	9	8	19					
27	Th	6	21	53	5	36	54	23	21	0	21	3	43	23	43	8	17					
28	F	6	25	50	6	34	7	23	18	14	33	4	30	20	47	8	15					
29	S	6	29	47	7	31	20	23	15	28	52	5	1	16	35	8	13					
30	S	6	33	44	8	28	34	23	12	13	13	5	14	11	26	8	11					

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 22	22 N 46	1 S 3	17 N 52	1 N 55	25 N 18	15 \square 45
4	1 21	22 26	0 57	18 48	1 34	24 49	15 35
7	1 20	22 5	0 50	19 42	1 7	24 10	15 26
10	1 20	21 42	0 44	20 28	0 33	23 25	15 16
13	1 19	21 18	0 37	21 13	0 8 7	22 36	15 7
16	1 18	20 52	0 30	22 3	0 52	21 45	14 57
19	1 17	20 25	0 23	22 23	1 40	20 55	14 47
22	1 17	19 57	0 16	22 52	2 28	20 9	14 38
25	1 16	19 28	0 8	23 11	3 15	19 29	14 28
28	1 15	18 56	0 1	23 28	3 56	18 57	14 19

D M	\hbar Long.	γ Long.	δ Long.	ζ Long.	η Long.	Mutual Aspts.	Lunar Aspects.						
	° /	° /	° /	° /	° /		\odot	\odot	\hbar	γ	δ	ζ	η
1	24 m 6	1 m 13	23 24	21 23	4 29				δ			\square	*
2	24 R 6	1 R 9	24 1	25 36	5 22					*			*
3	24 6	1 5	24 38	26 49	6 29		\square	\square					
4	24 6	1 1	25 14	28 2	7 30						*	Δ	
5	24 6	0 57	25 51	29 15	8 28		Δ	*					\square
6	24 6	0 53	26 28	0 28	9 24				Δ	δ		\square	
7	24 6	0 49	27 5	1 42	10 18								Δ
8	24 5	0 46	27 42	2 55	11 17				\square		Δ	δ	
9	24 5	0 43	28 19	4 8	11 52			δ					
10	24 4	0 40	28 55	6 22	12 32		δ		*	*			
11	24 4	0 37	29 32	8 35	13 8								δ
12	24 3	0 34	0 9	7 48	13 40	$\delta \square \gamma$							
13	24 2	0 31	0 46	9 2	14 9	$\gamma \delta \hbar$		*		\square	δ	Δ	
14	24 1	0 29	1 23	10 15	14 33								
15	24 0	0 27	2 0	11 28	14 53	$\odot \Delta \hbar$	Δ		δ	Δ			
16	23 59	0 25	2 36	12 42	15 8			\square				\square	Δ
17	23 57	0 23	3 13	13 55	15 18			\square					
18	23 56	0 21	3 50	15 8	15 24			Δ			Δ	*	\square
19	23 54	0 19	4 27	16 22	15 25							*	
20	23 53	0 18	5 4	17 35	15 R 21		*		*	δ			
21	23 51	0 17	5 41	18 49	15 13							\square	*
22	23 49	0 16	6 18	20 2	15 2	$\odot \Delta \gamma$				\square			
23	23 48	0 15	6 55	21 16	14 47			δ			*		
24	23 46	0 14	7 32	22 29	14 27	$\gamma \Delta \hbar$			Δ			δ	
25	23 44	0 14	8 9	23 43	14 2	$\delta \Delta \hbar$	δ			Δ			
26	23 42	0 D 14	8 46	24 56	13 34								δ
27	23 40	0 14	9 23	26 10	13 4						\square		
28	23 37	0 14	10 0	27 23	12 32			Δ			δ		
29	23 35	0 14	10 37	28 37	11 58				δ	*		*	
30	23 33	0 14	11 14	29 50	11 21		*	\square			*		*

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	''	°	'	°	'	°	'
1	15	45	0 N 3	21 S 39	1 S 14	14 S 52	1 N 13	10 S 26
4	15	45	0 3	21 38	1 14	14 55	1 13	10 28
7	15	45	0 3	21 37	1 15	14 59	1 12	10 30
10	15	46	0 3	21 36	1 15	15 2	1 11	10 33
13	15	46	0 3	21 36	1 16	15 6	1 10	10 36
16	15	46	0 3	21 35	1 16	15 10	1 9	10 40
19	15	46	0 3	21 35	1 17	15 14	1 8	10 45
22	15	46	0 2	21 34	1 17	15 18	1 7	10 50
25	15	47	0 2	21 34	1 18	15 23	1 6	10 56
28	15	47	0 2	21 33	1 18	15 27	1 6	11 2
31	15	47	0 2	21 33	1 18	15 32	1 6	11 9

D M	D W	Siderea' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	M	6 37 41	9 25 46	23 N 8	27 33	5 N 7	5 N 38	8 7 9
2	Tu	6 41 38	10 22 58	23 3	11 47	4 41	0 S 21	8 7
3	W	6 45 34	11 20 10	22 59	25 54	3 58	6 19	8 5
4	Th	6 49 31	12 17 21	22 54	9 52	3 21	11 54	8 3
5	F	6 53 28	13 14 32	22 48	23 40	1 56	16 50	8 1
6	S	6 57 24	14 11 43	22 42	7 16	0 44	20 50	7 59
7	S	7 1 21	15 8 54	22 36	20 41	0 S 30	23 38	7 58
8	M	7 5 17	16 6 52	22 30	3 54	1 40	25 5	7 56
9	Tu	7 9 14	17 3 16	22 22	16 53	2 44	25 7	7 54
10	W	7 13 10	18 0 28	22 15	29 38	3 39	23 48	7 52
11	Th	7 17 7	18 57 39	22 7	12 11	4 21	21 20	7 51
12	F	7 21 3	19 54 51	21 59	24 30	4 51	17 56	7 49
13	S	7 25 0	20 52 4	21 51	6 39	5 7	13 50	7 47
14	S	7 28 57	21 49 17	21 42	18 39	5 10	9 15	7 45
15	M	7 32 53	22 46 31	21 32	0 33	4 59	4 21	7 44
16	Tu	7 36 50	23 43 45	21 23	12 25	4 35	0 N 42	7 42
17	W	7 40 46	24 41 1	21 13	24 20	3 58	5 44	7 41
18	Th	7 44 43	25 38 16	21 2	6 23	3 13	10 37	7 40
19	F	7 48 39	26 35 33	20 51	18 38	2 17	15 12	7 38
20	S	7 52 36	27 32 51	20 40	1 10	1 13	19 14	7 37
21	S	7 56 32	28 30 10	20 29	14 4	0 3	22 27	7 36
22	M	8 0 29	29 27 29	20 17	27 21	1 N 8	24 32	7 35
23	Tu	8 4 26	0 24 49	20 5	11 3	2 17	25 17	7 34
24	W	8 8 22	1 22 10	19 53	25 9	3 20	24 25	7 33
25	Th	8 12 19	2 19 32	19 40	9 34	4 12	21 55	7 32
26	F	8 16 15	3 16 54	19 27	24 13	4 48	17 59	7 31
27	S	8 20 12	4 14 17	19 13	8 59	5 5	12 55	7 30
28	S	8 24 8	5 11 41	18 59	23 43	5 2	7 8	7 29
29	M	8 28 5	6 9 5	18 45	8 18	4 40	0 59	7 28
30	Tu	8 32 1	7 6 30	18 31	22 40	4 0	5 S 7	7 27
31	W	8 35 58	8 3 55	18 16	6 46	3 6	10 51	7 26

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	1 N14	18 N28	0 N 6	23 N35	4 S 27	18 N36	14 II 9
4	1 13	17 54	0 13	23 37	4 46	18 25	13 59
7	1 12	17 20	0 20	23 32	4 50	18 27	13 50
10	1 12	16 45	0 27	23 15	4 40	18 40	13 40
13	1 11	16 10	0 34	23 5	4 17	19 3	13 31
16	1 10	15 47	0 40	22 41	3 46	19 33	13 21
19	1 9	14 56	0 46	22 14	3 7	20 8	13 12
22	1 8	14 17	0 51	21 37	2 24	20 43	13 2
25	1 7	13 38	0 58	20 59	1 40	21 12	12 53
28	1 7	12 58	1 3	20 11	0 56	21 32	12 43
31	1 6	12 14	1 7	19 20	0 14	21 37	12 34

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° ,	° ,	° ,	° ,	° ,									
1	23m30	0m15	11Q52	1S 4	10S45									
2	23 R28	0 16 12	29	2 17	10 R 9		☐	*				*		☐
3	23 25	0 17 13	6	3 31	9 32				Δ	♈				
4	23 22	0 18 13	43	4 45	8 56		Δ				☐	Δ	Δ	Δ
5	23 19	0 19 14	20	5 58	8 22				☐					
6	23 16	0 20 14	57	7 12	7 51			♈						
7	23 13	0 22 15	35	8 26	7 22				*		Δ		♈	♈
8	23 10	0 24 16	12	9 39	6 57					*			♈	♈
9	23 7	0 26 16	49	10 53	6 36		♈							
10	23 4	0 28 17	27	12 7	6 18					☐				
11	23 1	0 31 18	4	13 20	6 5			*						
12	22 58	0 33 18	41	14 34	5 58				♈		♈			
13	22 54	0 36 19	19	15 48	5 D56			☐		Δ				Δ
14	22 51	0 39 19	56	17 1	5 59		Δ						Δ	
15	22 47	0 43 20	33	18 15	6 7									☐
16	22 44	0 46 21	11	19 29	6 21			♈						
17	22 40	0 50 21	48	20 43	6 41		☐		*		Δ	☐		*
18	22 36	0 53 22	25	21 57	7 6	♈ ♈ h				♈				*
19	22 32	0 57 23	3	23 11	7 36				☐		☐	*		
20	22 28	1 1 23	40	24 24	8 12		*	♈						
21	22 24	1 5 24	18	25 39	8 55									
22	22 20	1 9 24	55	26 52	9 44					Δ	Δ	*		♈
23	22 16	1 14 25	33	28 6	10 38									
24	22 12	1 18 26	10	29 20	11 37	☉ ☐ ♈	♈				☐		♈	
25	22 8	1 23 26	48	0 34	12 41			Δ						
26	22 4	1 28 27	25	1 48	13 50	♀ ☐ ♈			♈	*	♈			*
27	22 0	1 33 28	3	3 2	15 4			☐						*
28	21 56	1 39 28	41	4 16	16 24									
29	21 52	1 44 29	19	5 30	17 48		*	*					*	
30	21 48	1 49 29	57	6 44	19 17	☉ Δ ♈	☐		Δ	♈	*		☐	
31	21 44	1 54 0m35	7	58	20 52	♀ Δ ♈	☐			♈	*	☐		

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15 47	0 N 2	21 S 32	1 S 19	15 S 33	1 N 5	11 S 10
4	15 47	0 2	21 32	1 19	15 37	1 5	11 17
7	15 48	0 2	21 32	1 20	15 42	1 4	11 24
10	15 48	0 2	21 32	1 20	15 47	1 3	11 32
13	15 49	0 2	21 31	1 20	15 51	1 2	11 40
16	15 49	0 2	21 31	1 20	15 55	1 2	11 48
19	15 50	0 2	21 31	1 20	16 0	1 1	11 57
22	15 50	0 2	21 31	1 20	16 4	1 1	12 6
25	15 51	0 2	21 31	1 21	16 9	1 0	12 16
28	15 51	0 2	21 32	1 21	16 13	1 0	12 26
31	15 52	0 2	21 32	1 21	16 17	0 59	12 36

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° / "	° / "	° / "	° / "	° / "	° / "
1	Th	8 39 55	9 2 1 21	18 N 1	30 m 34	2 N 2	15 S 57	7 f 25
2	F	8 43 51	9 58 47	17 46	4 f 7	0 53 20	8	7 B 24
3	S	8 47 48	10 56 14	17 30	17 23	0 8 18 23	10	7 24
4	S	8 51 44	11 53 42	17 14	0 w 27	1 27 24	55	7 23
5	M	8 55 41	12 51 10	16 58	13 18	2 30 25	17	7 23
6	Tu	8 59 37	13 48 40	16 42	25 58	3 24 24	19	7 22
7	W	9 3 34	14 46 10	16 25	8 m 27	4 8 22	9	7 22
8	Th	9 7 30	15 43 41	16 8	20 47	4 40 19	0	7 21
9	F	9 11 27	16 41 14	15 51	2 x 57	4 58 15	3	7 21
10	S	9 15 24	17 38 48	15 34	15 0	5 2 10	33	7 21
11	S	9 19 20	18 36 23	15 16	26 56	4 54 5	43	7 20
12	M	9 23 17	19 33 59	14 58	8 r 48	4 32 0	41	7 20
13	Tu	9 27 13	20 31 37	14 40	20 38	3 59 4	N 23	7 D 20
14	W	9 31 10	21 29 17	14 21	28 31	3 16 9	18	7 20
15	Th	9 35 6	22 26 58	14 3	14 32	2 23 13	56	7 20
16	F	9 39 3	23 24 41	13 44	26 44	1 23 18	6	7 21
17	S	9 42 59	24 22 25	13 25	9 □ 13	0 18 21	34	7 21
18	S	9 46 56	25 20 11	13 5	32 5	0 N 50	24	7 21
19	M	9 50 53	26 17 59	12 46	52 23	1 58 25	19	7 21
20	Tu	9 54 49	27 15 49	12 26	19 9	3 1 25	5	7 21
21	W	9 58 46	28 13 40	12 6	32 24	3 55 23	13	7 21
22	Th	10 2 42	29 11 33	11 46	18 4	4 35 19	47	7 22
23	F	10 6 39	0 m 9 27	11 26	8 m 2	4 57 15	1	7 23
24	S	10 10 35	1 7 23	11 5	18 9	4 59 9	16	7 23
25	S	10 14 32	2 5 20	10 45	8 r 15	4 40 2	59	7 23
26	M	10 18 28	3 3 19	10 24	18 10	4 2 3	S 24	7 24
27	Tu	10 22 24	4 1 19	10 3	2 m 47	3 9 9	29	7 24
28	W	10 26 20	4 59 20	9 42	17 1	2 6 14	57	7 25
29	Th	10 30 16	5 57 23	9 20	0 f 51	0 56 19	27	7 25
30	F	10 34 12	6 55 27	8 59	14 19	0 8 15	22	7 25
31	S	10 38 8	7 53 32	8 37	27 27	1 24 24	50	7 26

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	1 N 6	12 N 4	1 N 9	19 N 5	0 S 1	21 N 34	12 II 31
4	1 4	11 22	1 13	18 5	0 N 35	21 12	12 21
7	1 3	10 40	1 16	17 5	1 4	20 26	12 12
10	1 2	9 56	1 19	15 54	1 25	19 16	12 2
13	1 1	9 13	1 21	14 48	1 39	17 46	11 53
16	1 0	8 38	1 23	13 32	1 45	15 58	11 43
19	0 58	7 45	1 25	12 17	1 45	13 57	11 34
22	0 57	7 0	1 26	10 55	1 39	11 47	11 24
25	0 56	6 14	1 25	9 34	1 29	9 42	11 15
28	0 55	5 30	1 25	8 6	1 15	7 14	11 6
31	0 54	4 43	1 24	6 46	0 58	4 55	10 56

D M	\hbar	π	δ	ζ	φ	Mutual Aspects.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	π	δ	ζ	φ
1	21 m 39	2 m 0	1 m 13	9 12	22 30	$\odot \delta \varphi$							Δ
2	21 B 35	2 6	1 51	10 26	24 10		Δ	δ				\square	
3	21 30	2 12	2 28	11 40	25 55	$\delta * \pi$			*			\square	Δ
4	21 26	2 18	3 6	12 54	27 46					*		Δ	
5	21 21	2 25	3 43	14 8	29 39								
6	21 17	2 31	4 21	15 22	1 33								
7	21 12	2 38	4 59	16 37	3 28	$\varphi \square \pi$		*		\square			δ
8	21 8	2 45	5 37	17 51	5 25		δ		δ			δ	δ
9	21 8	2 52	6 15	19 5	7 25	$\varphi \Delta \hbar$		\square		Δ		δ	
10	20 59	2 59	6 53	20 19	9 28	$\varphi \delta \hbar$						δ	
11	20 54	3 6	7 31	21 33	11 30	$\delta \square \hbar$							
12	20 50	3 13	8 9	22 47	13 32			Δ					Δ
13	20 45	3 21	8 47	24 2	15 34	$\odot \delta \hbar$	Δ		*			Δ	
14	20 41	3 28	9 25	25 16	17 36					δ			
15	20 36	3 36	10 3	26 30	19 38	$\varphi \delta \hbar$		\square			Δ		\square
16	20 32	3 44	10 41	27 44	21 39		\square	δ				\square	
17	20 27	3 52	11 19	28 58	23 40							\square	
18	20 23	4 0	11 57	0 12	25 40	$\odot \delta \varphi$	*		Δ				*
19	20 18	4 8	12 35	1 27	27 39					Δ		*	
20	20 14	4 16	13 13	2 41	29 37						*		
21	20 9	4 25	13 51	3 55	1 m 34	$\varphi * \pi$		Δ		\square			
22	20 5	4 33	14 29	5 10	3 29			δ		*			
23	20 0	4 42	15 7	6 24	5 23	$\varphi * \pi$	δ	\square		*		δ	δ
24	19 56	4 51	15 45	7 39	7 16	$\varphi \square \hbar$						δ	
25	19 52	5 0	16 24	8 53	9 8	$\varphi \delta \varphi$	*						
26	19 48	5 9	17 2	10 7	10 58				Δ				
27	19 44	5 19	17 41	11 21	12 47		*			δ			
28	19 39	5 27	18 19	12 36	14 35					\square		*	*
29	19 35	5 36	18 57	13 50	16 22	$\odot * \pi$	\square	δ				*	*
30	19 31	5 45	19 36	15 4	18 7				*		\square	\square	\square
31	19 26	5 55	20 14	16 19	19 51	$\odot \square \hbar$							

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 N	21 S 33	1 S 21	16 S 19	0 N 58	12 S 39
4	15	54	0	21 33	1 21	16 22	0 58	12 49
7	15	55	0	21 34	1 21	16 26	0 57	13 0
10	15	56	0	21 35	1 21	16 30	0 57	13 11
13	15	57	0	21 35	1 21	16 33	0 56	13 21
16	15	57	0	21 36	1 21	16 36	0 56	13 32
19	15	58	0	21 36	1 21	16 39	0 55	13 43
22	15	59	0	21 37	1 21	16 42	0 55	13 54
25	16	0	0	21 39	1 21	16 44	0 54	14 5
28	16	0	0	21 40	1 21	16 46	0 54	14 16

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 42 4	8 ^m 51 38	8 N 15	10 ^w 17	2 S 26	25 S 30	7 ^f 27
2	M	10 46 1	9 49 46	7 53	22 53	3 20	24 48	7 28
3	Tu	10 49 57	10 47 55	7 31	5 ^m 18	4 42	22 54	7 29
4	W	10 53 54	11 46 6	7 9	17 33	4 35	19 57	7 30
5	Th	10 57 51	12 44 19	6 47	29 41	4 54	16 11	7 31
6	F	11 1 47	13 42 34	6 25	11 ^m 43	4 59	11 47	7 32
7	S	11 5 44	14 40 50	6 23	39 4	4 52	6 59	7 33
8	S	11 9 40	15 39 8	5 40	5 ^r 32	4 31	1 57	7 34
9	M	11 13 37	16 37 28	5 17	17 22	3 59	3 N 9	7 35
10	Tu	11 17 33	17 35 50	4 54	29 12	3 16	8 9	7 36
11	W	11 21 30	18 34 13	4 32	11 ^r 6	2 25	12 53	7 38
12	Th	11 25 26	19 32 40	4 9	23 5	1 26	17 10	7 39
13	F	11 29 23	20 31 8	3 46	5 ^h 16	0 23	20 49	7 40
14	S	11 33 19	21 29 38	3 23	17 42	0 N 43	23 36	7 41
15	S	11 37 16	22 28 11	2 59	0 ^h 29	1 48	25 17	7 42
16	M	11 41 13	23 26 46	2 36	13 42	2 50	25 35	7 44
17	Tu	11 45 9	24 25 23	2 13	27 23	3 45	24 22	7 46
18	W	11 49 6	25 24 3	1 50	11 ^h 34	4 27	21 37	7 48
19	Th	11 53 2	26 22 44	1 26	26 13	4 54	17 24	7 50
20	F	11 56 59	27 21 28	1 3	11 ^m 15	5 2	12 0	7 52
21	S	12 0 55	28 20 14	0 40	26 31	4 48	5 48	7 54
22	S	12 4 52	29 19 2	0 16	11 ^h 49	4 14	0 S 47	7 56
23	M	12 8 48	0 ^h 17 52	0 S 7	26 59	3 22	7 16	7 58
24	Tu	12 12 45	1 16 44	0 31	11 ^m 51	2 17	13 14	8 0
25	W	12 16 42	2 15 38	0 54	26 19	1 5	18 18	8 2
26	Th	12 20 38	3 14 33	1 17	10 ^f 19	0 S 9	22 10	8 4
27	F	12 24 35	4 13 31	1 41	23 52	1 21	24 40	8 6
28	S	12 28 31	5 12 29	2 4	7 ^w 0	2 26	25 42	8 8
29	S	12 32 28	6 11 30	2 28	19 47	3 21	25 19	8 10
30	M	12 36 24	7 10 32	2 51	2 ^m 17	4 6	23 40	8 12

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 53	4 N 26	1 N 24	6 N 13	0 N 52	4 N 8	10 □ 52
4	0 52	3 39	1 22	4 39	0 32	1 51	10 42
7	0 51	2 52	1 19	3 12	0 11	0 24	10 33
10	0 49	2 4	1 16	1 40	0 8 11	2 36	10 23
13	0 48	1 17	1 13	0 8	0 35	4 44	10 14
16	0 47	0 29	1 9	1 8 25	0 58	6 47	10 4
19	0 46	0 8 18	1 5	2 56	1 22	8 45	9 55
22	0 44	1 6	1 0	4 28	1 44	10 36	9 45
25	0 43	1 53	0 54	5 59	2 6	12 19	9 36
28	0 42	2 41	0 48	7 29	2 27	13 54	9 26

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	19 = 22	6 m 5	20 m 53	17 m 33	21 m 34	♂ ♂ ♂	Δ			*			
2	19 18	6 15	21 32	18 47	23 16					*	Δ	Δ	Δ
3	19 14	6 25	22 10	20 24	24 56			*		□			
4	19 10	6 35	22 49	21 16	26 35				♂				
5	19 6	6 45	23 27	22 30	28 13								
6	19 2	6 55	24 6	23 45	29 50					Δ			
7	18 59	7 5	24 45	24 59	1 = 26	♀ ♂ ♂					♂	♂	♂
8	18 55	7 15	25 24	26 13	3 1			Δ					
9	18 51	7 26	26 3	27 28	4 34				*				
10	18 48	7 36	26 41	28 42	6 6								
11	18 44	7 47	27 20	29 57	7 37	♀ * ♃				♂			
12	18 40	7 57	27 59	1 = 11	9 7		Δ			□		Δ	
13	18 37	8 8	28 38	2 26	10 37			♂				Δ	Δ
14	18 33	8 19	29 17	3 40	12 6		□		Δ				
15	18 30	8 30	29 56	4 55	13 33						□	□	
16	18 27	8 41	0 = 34	6 9	14 58						Δ		□
17	18 23	8 52	1 13	7 24	16 22	♀ * ♃	*					*	
18	18 20	9 3	1 52	8 38	17 45	♀ Δ ♃		Δ	♂		□	*	*
19	18 17	9 14	2 31	9 53	19 7						*		
20	18 14	9 25	3 10	11 7	20 28			□		*			
21	18 11	9 36	3 43	12 22	21 48			♂				♂	♂
22	18 8	9 48	4 28	13 36	23 6			*	Δ				
23	18 5	9 59	5 7	14 51	24 23					□	♂		
24	18 2	10 10	5 46	16 5	25 38			*					
25	18 0	10 22	6 26	17 20	26 52		*						
26	17 58	10 34	7 5	18 34	28 4	♀ Δ ♃		♂				*	
27	17 55	10 46	7 44	19 48	29 15				*			*	*
28	17 53	10 58	8 23	21 8	0 m 24	♂ * ♃	□				*	□	*
29	17 50	11 10	9 3	22 17	1 31							□	
30	17 48	11 22	9 42	23 31	2 35		Δ	*				Δ	□

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 N 2	21 S 41	1 S 21	16 S 48	0 N 54	14 S 28
4	16	1	0 2	21 43	1 21	16 49	0 54	14 39
7	16	2	0 2	21 44	1 21	16 51	0 54	14 51
10	16	3	0 2	21 45	1 21	16 52	0 54	15 3
13	16	4	0 2	21 46	1 20	16 53	0 53	15 14
16	16	5	0 2	21 47	1 20	16 54	0 53	15 26
19	16	5	0 2	21 48	1 20	16 54	0 52	15 37
22	16	6	0 2	21 49	1 20	16 54	0 52	15 49
25	16	7	0 2	21 51	1 20	16 54	0 51	16 0
28	16	7	0 2	21 52	1 20	16 53	0 51	16 11
31	16	8	0 2	21 53	1 20	16 52	0 51	16 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	12 40 21	8 9 36	3 S 14	14 m 33	4 S 39	20 S 55	8 f 14
2	W	12 44 17	9 8 42	3 38	26 40	4 58	17 18	8 16
3	Th	12 48 14	10 7 49	4 1	8 x 39	5 4	13 2	8 16
4	F	12 52 11	11 6 59	4 24	20 35	4 57	8 17	8 20
5	S	12 56 7	12 6 10	4 47	2 r 27	4 37	3 15	8 22
6	S	13 0 4	13 5 24	5 10	14 18	4 5	1 N 53	8 24
7	M	13 4 0	14 4 39	5 38	26 10	3 22	6 59	8 27
8	Tu	13 7 57	15 3 57	5 56	8 x 4	2 30	11 51	8 30
9	W	13 11 53	16 3 17	6 19	20 3	1 31	16 19	8 33
10	Th	13 15 50	17 2 39	6 42	2 II 5	0 27	20 10	8 36
11	F	13 19 46	18 2 3	7 5	14 23	0 N 39	23 11	8 39
12	S	13 23 43	19 1 30	7 27	26 52	1 44	25 10	8 42
13	S	13 27 39	20 0 59	7 50	9 x 38	2 46	25 52	8 45
14	M	13 31 36	21 0 31	8 12	22 46	3 41	25 10	8 48
15	Tu	13 35 33	22 0 5	8 35	6 Q 19	4 26	23 0	8 50
16	W	13 39 29	23 59 41	8 57	20 18	4 56	19 24	8 53
17	Th	13 43 26	23 59 20	9 19	4 m 44	5 9	14 34	8 56
18	F	13 47 22	24 59 1	9 41	19 34	5 2	8 46	8 58
19	S	13 51 19	25 58 44	10 3	4 x 40	4 34	2 21	9 1
20	S	13 55 15	26 58 30	10 24	19 54	3 47	4 S 17	9 4
21	M	13 59 12	27 58 17	10 46	5 m 5	2 43	10 40	9 6
22	Tu	14 3 8	28 58 6	11 7	20 2	1 29	16 20	9 9
23	W	14 7 5	29 57 58	11 28	4 f 39	0 11	20 55	9 12
24	Th	14 11 2	0 m 57	51 11	49 18	50 1 S	6 24	9 15
25	F	14 14 59	1 57 46	12 10	2 v 32	2 17	25 43	9 18
26	S	14 18 56	2 57 43	12 31	15 48	3 18	25 48	9 21
27	S	14 22 53	3 57 41	12 51	28 40	4 7	24 28	9 24
28	M	14 26 50	4 57 41	13 11	11 m 11	4 43	21 57	9 28
29	Tu	14 30 46	5 57 43	13 31	23 26	5 4	18 30	9 32
30	W	14 34 43	6 57 45	13 51	5 x 30	5 13	14 21	9 35
31	Th	14 38 40	7 57 50	14 11	17 26	5 7	9 41	9 38

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	0 N 41	3 S 29	0 N 41	8 S 58	2 S 46	15 S 20	9 17
4	0 39	4 17	0 34	10 24	3 1	16 32	9 7
7	0 38	5 4	0 28	11 49	3 13	17 30	8 58
10	0 36	5 52	0 21	13 10	3 19	18 10	8 48
13	0 35	6 38	0 13	14 31	3 18	18 26	8 39
16	0 33	7 24	0 6	15 45	3 5	18 12	8 29
19	0 32	8 11	0 3	17 0	2 40	17 21	8 20
22	0 30	8 55	0 11	18 6	1 58	15 50	8 10
25	0 29	9 43	0 19	19 14	1 3	13 45	8 1
28	0 29	10 26	0 27	20 11	0 1	11 30	7 51
31	0 28	11 18	0 35	21 0	0 N 56	9 35	7 42

D M	h	♄	♅	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° ' "	° ' "	° ' "	° ' "	° ' "								
1	17 46	11 34	10 22	24 46	3 37	☉ * ♄			♈	☐	Δ		
2	17 44	11 46	11 26	0 4	37				♈	☐	Δ	Δ	
3	17 42	11 58	11 41	27 15	5 24				☐		Δ		Δ
4	17 40	12 10	12 21	28 29	6 28					Δ			Δ
5	17 38	12 22	13 0	29 44	7 18				Δ				
6	17 36	12 34	13 40	0 58	8 5			♂		*		♈	
7	17 35	12 47	14 20	2 13	8 50								
8	17 33	12 59	14 59	3 27	9 30	☉ ☉ ♂					♈		♈
9	17 32	13 12	15 39	4 41	10 5					☐			♈
10	17 31	13 24	16 18	5 56	10 35	☉ Δ ♈							
11	17 30	13 37	16 58	7 10	10 59		Δ	♈	Δ		Δ		
12	17 29	13 49	17 38	8 24	11 17	♈ Δ ♈							
13	17 28	14 2	18 18	9 39	11 30						Δ		Δ
14	17 27	14 14	18 58	10 53	11 36							☐	Δ
15	17 27	14 27	19 38	12 8	11 34				Δ				☐
16	17 26	14 40	20 18	13 22	11 22			*		♈	☐	*	
17	17 26	14 52	20 58	14 37	11 2	♀ ☉ ♄			☐				*
18	17 26	15 5	21 38	15 51	10 35						*		*
19	17 26	15 18	22 18	17 6	10 0	♀ ☐ ♈			*				*
20	17 26	15 31	22 58	18 20	9 16		♈			Δ		♈	
21	17 26	15 44	23 38	19 35	8 23								♈
22	17 26	15 57	24 18	20 49	7 20					☐	♈		♈
23	17 27	16 10	24 58	22 4	6 12				♈				
24	17 27	16 23	25 38	23 18	5 0					*			
25	17 28	16 36	26 18	24 33	8 44			*				*	*
26	17 28	16 49	26 58	25 47	2 28	☉ ☉ ♀					*		
27	17 28	17 2	27 39	27 1	1 13				☐				☐
28	17 29	17 15	28 19	28 16	29 8			*					☐
29	17 29	17 28	29 0	29 30	28 48	♄ ☐ ♈			♈		☐	Δ	Δ
30	17 30	17 41	29 40	0 44	27 50	♀ ☉ ♂	Δ	☐					☐
31	17 30	17 54	0 25	1 59	27 7						Δ		

NOVEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	16 10	0 N 1	21 8 54	1 8 19	16 8 51	0 N 50	16 8 26
4	16 10	0 1	21 56	1 19	16 50	0 50	16 37
7	16 11	0 1	21 57	1 19	16 48	0 50	16 48
10	16 12	0 1	21 59	1 19	16 46	0 50	16 59
13	16 12	0 1	22 1	1 18	16 44	0 50	17 10
16	16 13	0 1	22 2	1 18	16 41	0 50	17 21
19	16 14	0 1	22 3	1 18	16 39	0 49	17 31
22	16 14	0 1	22 5	1 18	16 37	0 49	17 42
25	16 15	0 1	22 7	1 18	16 33	0 49	17 52
28	16 15	0 1	22 8	1 18	16 30	0 49	18 2

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	F	14 42 37	8 ^m 57 56	14 8 30	29 ^x 18	4 8 49	4 8 41	9 ^f 41
2	S	14 46 34	9 58 41	14 49	11 ^r 9	4 18	0 N 28	9 44
3	S	14 50 31	10 58 14	15 8 23	2 3 35	5 37	9 47	9 47
4	M	14 54 27	11 58 26	15 27	4 ^h 58	2 44	10 37	9 51
5	Tu	14 58 21	12 58 39	15 45	17 0	1 44	15 16	9 54
6	W	15 2 20	13 58 54	16 3 29	9 0	39 19	21	9 57
7	Th	15 6 17	14 59 11	16 21 11	11 27	0 N 29	22	10 1
8	F	15 10 13	15 59 30	16 38 23	55	1 36	24	10 5
9	S	15 14 10	16 59 50	16 57 6	36	2 40	25	10 8
10	S	15 18 6	18 0 13	17 13 19	31	3 37	25	10 12
11	M	15 22 3	19 0 38	17 29 2	43	4 23	23	10 15
12	Tu	15 26 0	20 1 5	17 46 16	14	4 57	20	10 19
13	W	15 29 56	21 1 34	18 2 0	m 5	5 14	16	10 22
14	Th	15 33 53	22 2 4	18 18 14	15	5 13	11	10 26
15	F	15 37 49	23 2 37	18 33 28	45	4 53	4	10 29
16	S	15 41 46	24 3 12	18 48 13	28	4 12	18	10 32
17	S	15 45 42	25 3 48	19 3 28	21	3 15	7	10 36
18	M	15 49 39	26 4 26	19 18 13	m 14	2 4	13	10 40
19	Tu	15 53 35	27 5 6	19 32 28	0	0 45	19	0 10 44
20	W	15 57 32	28 5 47	19 45 12	f 33	0 8	35	22 54
21	Th	16 1 29	29 6 29	19 59 26	45	1 53	25	17 10 51
22	F	16 5 25	0 ^f 7 13	20 12 10	v 32	2 59	26	1 10 54
23	S	16 9 22	1 7 58	20 24 23	55	3 55	25	12 10 58
24	S	16 13 18	2 8 44	20 37 6	m 54	4 37	23	2 11 2
25	M	16 17 15	3 9 31	20 49 19	30	5 4	19	48 11 5
26	Tu	16 21 11	4 10 19	21 0 1	x 49	5 17	15	48 11 9
27	W	16 25 8	5 11 9	21 11 13	54	5 15	11	11 11 13
28	Th	16 29 4	6 11 59	21 22 25	49	4 59	6	14 11 16
29	F	16 33 1	7 12 50	21 32 7	r 41	4 31	1	6 11 20
30	S	16 36 58	8 13 42	21 42 19	32	3 51	4 N 5	11 23

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 26	11 S 27	0 S 37	21 S 26	1 N 12	9 S 7	7 ♀ 39
4	0 25	12 10	0 44	22 12	1 50	8 15	7 29
7	0 23	12 58	0 53	22 56	2 11	8 15	7 19
10	0 21	13 34	1 1	23 31	2 19	8 56	7 10
13	0 19	14 16	1 7	24 3	2 16	10 5	7 0
16	0 18	14 56	1 14	24 25	2 6	11 30	6 51
19	0 16	15 36	1 21	24 44	1 52	13 5	6 41
22	0 15	16 14	1 28	24 57	1 34	14 42	6 32
25	0 13	16 51	1 32	24 58	1 14	16 18	6 22
28	0 11	17 28	1 37	24 55	0 53	17 50	6 13

D M	♂	♂	♂	♀	♀	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♂	♀	♀	♀
	°	'	°	'	°	'							
1	17 31	18 7	1 2	3 13	26 29	♂						Δ	
2	17 32	18 20	1 43	4 27	26 1	♂		Δ					
3	17 33	18 33	2 24	5 41	25 46				*				♂
4	17 34	18 46	3 4	6 56	25 D 45						♂		
5	17 36	18 59	3 45	8 10	25 54		♂		□	♂			
6	17 37	19 12	4 26	9 24	26 12	♀ ♂ ♀							
7	17 39	19 26	5 7	10 39	26 40			♂	Δ			♂	
8	17 41	19 39	5 47	11 53	27 17								Δ
9	17 43	19 52	6 28	13 7	28 2						Δ		
10	17 45	20 6	7 9	14 21	28 54	☉ □ ♀	Δ			Δ			
11	17 47	20 19	7 50	15 36	29 52			Δ			□		□
12	17 49	20 32	8 31	16 50	0 56	☉ ♂ ♀	□		♂	□	Δ		*
13	17 51	20 46	9 12	18 4	2 15					*	*	□	*
14	17 54	20 59	9 53	19 18	3 18			□		*	*	□	
15	17 56	21 12	10 34	20 32	4 34		*						
16	17 59	21 26	11 15	21 47	5 53			*	Δ				
17	18 1	21 39	11 56	23 1	7 15						*		♂
18	18 4	21 52	12 37	24 15	8 38		♂		□	♂	♂		
19	18 7	22 6	13 19	25 30	10 3			♂	*				
20	18 10	22 19	14 0	26 44	11 29			♂	*				
21	18 13	22 32	14 41	27 58	12 57						*	♂	*
22	18 16	22 45	15 23	29 12	14 27	♂ ♂ ♂					*		*
23	18 19	22 58	16 4	0 27	15 57	♂ ♂ ♀	*	*		*			
24	18 22	23 11	16 45	1 41	17 28	♂ ♂ ♀	*	*		♂	□	□	□
25	18 25	23 25	17 27	2 55	19 0					♂	□	□	
26	18 28	23 38	18 8	4 9	20 32	♂ ♂ ♀	□	♂				*	
27	18 31	23 51	18 50	5 23	22 4			□	□		Δ		*
28	18 34	24 4	19 32	6 37	23 36	♂ ♂ ♀				Δ			Δ
29	18 37	24 17	20 14	7 51	25 8		Δ	Δ			□		
30	18 40	24 30	20 56	9 5	26 41				*				

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	16 15	0 N 1	22 S 10	1 S 17	16 S 26	0 N 49	18 S 11
4	16 15	0 1	22 11	1 17	16 22	0 49	18 20
7	16 16	0 1	22 13	1 17	16 18	0 49	18 30
10	16 16	0 1	22 15	1 17	16 13	0 49	18 39
13	16 16	0 1	22 17	1 17	16 9	0 48	18 48
16	16 16	0 1	22 18	1 17	16 4	0 48	18 56
19	16 17	0 1	22 19	1 16	15 59	0 48	19 5
22	16 17	0 1	22 20	1 16	15 55	0 48	19 13
25	16 17	0 1	22 22	1 16	15 48	0 48	19 21
28	16 17	0 1	22 23	1 16	15 43	0 48	19 28
31	16 17	0 1	22 24	1 16	15 38	0 48	19 33

D M	D W	Sidereal Time.	☉		☽	☽	☽	♂
			Long.	Declin	Long.	Lat.	Declin	Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	16 40 54	9 14 34	21 S 52	1 27	3 S 2	9 N 9	11 1 27
2	M	16 44 51	10 15 28	22 22	1 13 28	2 3 13	56	11 30
3	Tu	16 48 47	11 16 23	22 22	9 25 40	0 59 18	15	11 34
4	W	16 52 44	12 17 18	22 22	17 8 2	0 N 10 21	50	11 37
5	Th	16 56 40	13 18 15	22 22	25 20 38	1 19 24	57	11 41
6	F	17 0 37	14 19 12	22 33	3 25 27	2 25 25	50	11 45
7	S	17 4 33	15 20 11	22 39	16 29	3 25 25	50	11 49
8	S	17 8 30	16 21 11	22 46	29 45	4 15 24	23	11 53
9	M	17 12 27	17 22 12	22 52	13 14	4 52 21	31	11 56
10	Tu	17 16 23	18 23 14	22 57	26 55	5 12 17	26	12 0
11	W	17 20 20	19 24 17	23 2	10 48	5 15 12	23	12 4
12	Th	17 24 16	20 25 21	23 7	24 52	5 0 6	38	12 8
13	F	17 28 13	21 26 27	23 11	9 4	4 26 0	28	12 11
14	S	17 32 9	22 27 33	23 15	23 24	3 35 5	46	12 15
15	S	17 36 6	23 28 40	23 18	7 49	2 31 11	45	12 19
16	M	17 40 2	24 29 48	23 21	22 14	1 17 17	7	12 23
17	Tu	17 43 59	25 30 57	23 23	6 35	0 S 2 21	28	12 26
18	W	17 47 56	26 32 7	23 25	20 47	1 19 24	28	12 30
19	Th	17 51 52	27 33 17	23 27	4 45	2 31 25	54	12 33
20	F	17 55 49	28 34 28	23 27	18 26	3 32 25	42	12 36
21	S	17 59 45	29 35 39	23 28	1 47	4 20 24	0	12 40
22	S	18 3 42	0 36 50	23 28	14 46	4 53 21	5	12 44
23	M	18 7 38	1 38 1	23 27	27 26	5 10 17	14	12 47
24	Tu	18 11 35	2 39 12	23 26	9 47	5 13 12	44	12 50
25	W	18 15 31	3 40 24	23 25	21 54	5 2 7	50	12 53
26	Th	18 19 28	4 41 35	23 23	3 51	4 37 2	43	13 57
27	F	18 23 25	5 42 46	23 20	15 42	4 1 2 N 28	13	1
28	S	18 27 21	6 43 57	23 18	27 33	3 15 7	35	13 5
29	S	18 31 18	7 45 8	23 14	9 29	2 20 12	27	13 8
30	M	18 35 14	8 46 18	23 10	21 33	1 18 16	55	13 11
31	Tu	18 39 11	9 47 28	23 6	3 51	0 12 20	45	13 15

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 9	18 8 3	1 S 43	24 8 45	0 N 81	19 8 17	6 II 3
4	0 8	18 35	1 47	24 27	0 10	20 38	5 53
7	0 6	19 9	1 49	24 6	0 S 11	21 46	5 44
10	0 4	19 39	1 51	23 33	0 30	22 47	5 34
13	0 2	20 9	1 54	23 0	0 49	23 38	5 25
16	0 0	20 36	1 55	22 14	1 7	24 19	5 15
19	0 S 2	21 3	1 56	21 31	1 23	24 48	5 6
22	0 4	21 28	1 55	20 36	1 37	25 4	4 56
25	0 6	21 51	1 54	19 39	1 49	25 8	4 47
28	0 8	22 11	1 53	18 33	1 58	24 59	4 37
31	0 10	22 30	1 51	17 29	2 5	24 36	4 28

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	♂	♀	♂	♀	♂	♀
	°	'	°	'	°							
1	18 m 47	21 m 44	21 m 38	10 n 19	28 m 14							
2	18 51 24	57 22	19 11	33 29	47				☐		Δ	♂
3	18 55 25	10 23	1 12	47 1 f	20	☉ ☉ ♀			♂	♂		
4	19 0 25	23 23	43 14	1 2	54		♂	♂				
5	19 4 25	36 24	25 15	15 4	27				Δ			
6	19 8 25	49 25	7 16	29 6	0							
7	19 13 26	2 25	49 17	42 7	34						♂	
8	19 17 26	15 26	31 18	56 9	7	♂ ☉ ♀						
9	19 22 26	28 27	13 20	10 10	41		Δ	Δ	♂			Δ
10	19 26 26	41 27	55 21	24 12	15	♀ ☉ ♀				☐	☐	
11	19 31 26	54 28	37 22	38 13	48	☉ * ♀		☐				☐
12	19 35 27	7 29	19 23	52 15	22		☐			*	*	Δ
13	19 40 27	19 0 f	2 25	5 16	56			*				
14	19 45 27	32 0	44 26	19 18	30	♀ * ♀	*		Δ		☐	*
15	19 50 27	45 1	26 27	33 20	4	♀ * ♀						
16	19 55 27	57 2	9 28	46 21	39				☐	♂	*	
17	20 0 28	10 2	51 0 m	0 23	13			♂			♂	
18	20 5 28	23 2	33 1	14 24	48		♂		*			♂
19	20 11 28	35 4	16 2	27 26	23							
20	20 16 28	48 4	58 3	41 27	58							
21	20 22 29	0 5	41 4	54 29	33	☉ ☉ ♀				*	*	♂
22	20 27 29	12 6	23 6	7 1 w	9	♂ * ♀		*	♂			
23	20 33 29	25 7	6 7	20 2	45			*		☐		
24	20 38 29	37 7	49 8	34 4	21			☐			☐	*
25	20 44 29	49 8	32 9	47 5	57							
26	20 50 0 f	1 9	14 11	0 7	33			☐		Δ	Δ	☐
27	20 56 0	13 9	57 12	13 9	10	♀ * ♀		Δ	*		*	
28	21 2 0	25 10	40 13	26 10	47							
29	21 8 0	37 11	23 14	39 12	24		Δ				☐	Δ
30	21 14 0	49 12	6 15	52 14	2				☐			
31	21 20 1	1 12	49 17	5 15	40					♂		





RAPHAEL'S

ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1817.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(H. W.) 9372.162

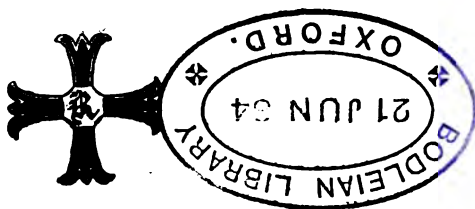
RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANET'S PLACES

For 1817.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	° /	° /	° /	° /	° /	° /	° /
1	16 15	0 N 1	22 8 24	1 8 16	15 8 35	0 N 48	19 8 38
4	16 15	0 1	22 26	1 16	15 29	0 48	19 45
7	16 16	0 1	22 27	1 16	15 23	0 48	19 52
10	16 16	0 1	22 28	1 16	15 17	0 48	19 59
13	16 17	0 1	22 29	1 16	15 10	0 48	20 5
16	16 17	0 1	22 30	1 16	15 3	0 48	20 11
19	16 17	0 1	22 31	1 16	14 57	0 49	20 16
22	16 18	0 1	22 32	1 16	14 50	0 49	20 21
25	16 18	0 1	22 32	1 16	14 43	0 49	20 26
28	16 18	0 1	22 33	1 16	14 36	0 49	20 31
31	16 18	0 1	22 34	1 16	14 29	0 49	20 36

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	W	18 43 7	10 48 38	23 8 1	16 11 25	0 N 57	23 N 43	13 7 18
2	Th	18 47 4	11 49 48	22 56 29	18 2 4 25	32	13 21	13 21
3	F	18 51 0	12 50 58	22 51 12	25 28	3 6 25	58	13 25
4	S	18 54 57	13 52 7	22 44 25	57 3	58 24	53	13 28
5	S	18 58 54	14 53 17	22 38 9	41 4	39 22	19	13 32
6	M	19 2 50	15 54 26	22 31 23	37 5	3 18	25	13 35
7	Tu	19 6 47	16 55 36	22 23 7	41 5	9 13	28	13 38
8	W	19 10 43	17 56 45	22 16 21	50 4	57 7	47	13 42
9	Th	19 14 40	18 57 54	22 7 6	0 4	26 1	42	13 45
10	F	19 18 36	19 59 4	21 59 20	9 3	40 48	29	13 48
11	S	19 22 33	21 0 13	21 49 4	16 2	40 10	27	13 51
12	S	19 26 29	22 1 22	21 40 18	18 1	31 15	51	13 54
13	M	19 30 26	23 2 31	21 30 2	16 0	17 20	22	13 57
14	Tu	19 34 23	24 3 40	21 19 16	8 0	8 58	23	42 14 0
15	W	19 38 19	25 4 49	21 8 29	52 2	8 25	36	14 3
16	Th	19 42 16	26 5 56	20 57 13	26 3	10 25	56	14 6
17	F	19 46 12	27 7 4	20 45 26	48 4	1 24	45	14 9
18	S	19 50 9	28 8 11	20 33 9	55 4	37 22	14	14 12
19	S	19 54 5	29 9 17	20 21 22	46 4	59 18	38	14 15
20	M	19 58 2	0 10 22	20 8 5	21 5	5 14	17	14 18
21	Tu	20 1 58	1 11 26	19 55 17	41 4	57 9	26	14 20
22	W	20 5 55	2 12 29	19 41 29	47 4	36 4	18	14 23
23	Th	20 9 52	3 13 31	19 27 11	43 4	3 0 N 54	14 25	14 25
24	F	20 13 48	4 14 32	19 13 23	34 3	19 6	4	14 27
25	S	20 17 45	5 15 31	18 58 5	23 2	28 11	1	14 30
26	S	20 21 41	6 16 30	18 43 17	17 1	29 15	35	14 32
27	M	20 25 38	7 17 27	18 28 29	21 0	26 19	37	14 35
28	Tu	20 29 34	8 18 22	18 12 11	40 0	N 40 22	52	14 37
29	W	20 33 31	9 19 17	17 56 24	18 1	45 25	5	14 39
30	Th	20 37 27	10 20 10	17 40 7	20 2	47 26	2	14 42
31	F	20 41 24	11 21 1	17 24 20	46 3	41 25	30	14 45

JANUARY XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
08 10	22 S 37	18 49	17 S 6	28 6	24 S 26	4 II 25
0 12	22 54	1 43	15 52	2 8	23 44	4 15
0 14	23 9	1 40	14 35	2 6	22 48	4 6
0 16	23 21	1 34	13 14	1 59	21 38	3 56
0 19	23 33	1 28	11 52	1 46	20 15	3 47
0 21	23 41	1 20	10 26	1 28	18 39	3 37
0 23	23 48	1 13	8 59	1 1	16 55	3 27
0 25	23 53	1 3	7 29	0 27	15 8	3 18
0 28	23 55	0 55	5 57	0 N 15	13 24	3 8
0 30	23 55	0 44	4 24	1 3	11 56	2 59
0 32	23 52	0 33	2 52	1 56	10 54	2 49

h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
Long.	Long.	Long.	Long.	Long.	Long.		☉	♈	♉	♊	♋	♌
° /	° /	° /	° /	° /	° /							
1m 26	1 f 12	13 f 32	18m 18	17w 16	♂ ♂ ♈			♂	Δ		♂	Δ
1 32	1 24	14 15	19 31	18 55								
1 38	1 35	14 58	20 43	20 34	♀ ♂ ♈			♂				
1 44	1 47	15 41	21 56	22 14						Δ		♂
1 50	1 58	16 24	23 8	23 53				Δ				
1 56	2 10	17 7	24 21	25 32					♂		Δ	♂
2 3	2 21	17 51	25 33	27 12				□		□		
2 9	2 32	18 34	26 46	28 52				Δ			□	
2 16	2 43	19 17	27 58	0m 32						*		Δ
2 22	2 54	20 1	29 10	2 11	♀ * ♈			□	*	Δ	*	
2 29	3 5	20 44	0 * 22	3 50								Δ
2 35	3 16	21 27	1 34	5 29				*		□		□
2 42	3 27	22 11	2 46	7 7	♀ □ ♈					♂		□
2 48	3 38	22 54	3 58	8 4	♂ * ♈			♂	*			*
2 55	3 48	23 38	5 10	10 19							♂	*
3 1	3 59	24 21	6 21	11 53								
3 8	4 9	25 5	7 33	13 25	♀ * ♈			♂				
3 15	4 20	25 49	8 45	14 55				*		*		♂
3 22	4 30	26 33	9 56	16 24					♂	*		
3 29	4 40	27 16	11 8	17 49						□		
3 36	4 50	28 0	12 19	19 10					□			♂
3 43	5 0	28 44	13 30	20 26				*			Δ	□
3 50	5 10	29 27	14 41	21 37	♀ □ ♈				Δ	*		*
3 57	5 20	0w 11	15 52	22 42						*		
4 4	5 29	0 55	17 3	23 41	☉ * ♈			□			Δ	
4 11	5 39	1 39	18 14	24 33	♀ ♂ ♈						*	□
4 18	5 48	2 23	19 24	25 16						□		
4 25	5 58	3 7	20 34	25 49				Δ	♂		♂	
4 32	6 7	3 51	21 44	26 13						Δ		□
4 39	6 16	4 35	22 54	26 27							♂	Δ
4 46	6 25	5 19	24 4	26 30							Δ	

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	16 15	0 N 0	22 8 35	1 8 16	14 8 26	0 N 50	20 8 37
4	16 15	0 0	22 36	1 16	14 19	0 50	20 41
7	16 14	0 0	22 37	1 17	14 12	0 50	20 45
10	16 14	0 0	22 38	1 17	14 5	0 50	20 49
13	16 13	0 0	22 38	1 17	13 58	0 50	20 52
16	16 12	0 0	22 39	1 17	13 51	0 50	20 55
19	16 11	0 0	22 39	1 17	13 43	0 51	20 58
22	16 11	0 0	22 40	1 17	13 36	0 51	21 0
25	16 10	0 0	22 40	1 18	13 28	0 51	21 2
28	16 10	0 0	22 40	1 18	13 21	0 51	21 4

D M	D W	Sidereal Time.	☉ Long.			☉ Declin			☽ Long.			☽ Lat.			☽ Declin			♂ Long.		
		H. M. s.	° ' "			° ' "			° ' "			° ' "			° ' "			° ' "		
1	S	20 45 21	12 ^m 21	51		17 S	7		4 23	35	4 N	24	23 N	24		14 48				
2	S	20 49 17	13	22	41	16	49		18	45	4	52	19	50		14	50			
3	M	20 53 14	14	23	29	16	32	3 ^m	10		5	2	15	2		14	53			
4	Tu	20 57 10	15	24	16	16	14	17	43		4	52	9	20		14	55			
5	W	21 1 7	16	25	1	15	56	2 ^m	18		4	24	3	7		14	58			
6	Th	21 5 3	17	25	46	15	38	16	47		3	39	8 S	14		15	0			
7	F	21 9 0	18	26	30	15	19	1 ^m	7		2	40	9	22		15	2			
8	S	21 12 56	19	27	12	15	0	15	15		1	32	14	58		15	4			
9	S	21 16 53	20	27	54	14	41	29	11		0	20	19	40		15	6			
10	M	21 20 50	21	28	34	14	22	12	53		0 S	53	23	14		15	8			
11	Tu	21 24 46	22	29	14	14	2	26	24		2	12	25	26		15	10			
12	W	21 28 43	23	29	52	13	42	9 ^m	44		3	12	26	7		15	12			
13	Th	21 32 39	24	30	29	13	22	22	53		3	51	25	19		15	14			
14	F	21 36 36	25	31	5	13	2	5 ^m	51		4	28	23	10		15	16			
15	S	21 40 32	26	31	39	12	41	18	38		4	51	19	52		15	18			
16	S	21 44 29	27	32	11	12	20	1 ^m	14		5	0	15	43		15	20			
17	M	21 48 25	28	32	42	12	0	13	38		4	53	10	57		15	21			
18	Tu	21 52 22	29	33	11	11	38	25	50		4	34	5	51		15	23			
19	W	21 56 19	0 ^m 33	39	11	17	7 ^m	51			4	2	0	35		15	25			
20	Th	22 0 15	1	34	5	10	56	19	45		3	20	4 N	39		15	26			
21	F	22 4 12	2	34	28	10	34	1 ^m	33		2	30	9	41		15	27			
22	S	22 8 8	3	34	50	10	12	13	21		1	33	14	23		15	28			
23	S	22 12 5	4	35	10	9	58	25	13		0	31	18	35		15	30			
24	M	22 16 1	5	35	27	9	28	7 ^m	14		0 N	32	22	4		15	31			
25	Tu	22 19 58	6	35	43	9	6	19	30		1	36	24	38		15	33			
26	W	22 23 54	7	35	56	8	44	2 ^m	5		2	36	26	3		15	34			
27	Th	22 27 51	8	36	8	8	21	15	7		3	30	26	5		15	35			
28	F	22 31 48	9	36	17	7	59	28	36		4	15	24	37		15	36			

FEBRUARY XXVIII DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
°	'	°	'	°	'	°
08 32	23 52	08 29	23 21	2 N 12	10 S 41	2 II 46
0 34	23 46	0 17	0 48	2 58	10 27	2 36
0 36	23 39	0 5	0 N 47	3 30	10 52	2 27
0 38	23 29	0 N 8	2 20	3 43	11 45	2 17
0 41	23 18	0 22	3 54	3 35	12 52	2 8
0 43	23 3	0 37	5 26	3 10	13 57	1 58
0 45	22 48	0 52	6 58	2 35	14 53	1 49
0 47	22 30	1 8	8 27	1 57	15 34	1 39
0 50	22 10	1 23	9 56	1 17	16 0	1 30
0 52	21 45	1 38	11 21	0 39	16 11	1 20

h	☿	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
°	'	°	'	°	'						
24 m 53	6 f 34	6 w 4	25 x 14	26 m 20							
25 0	6 43	6 48	26 24	26 B 0		♂	Δ	♂			♂
25 7	6 51	7 32	27 33	25 30	♂ ♂ h			□	Δ		
25 14	6 59	8 16	28 42	24 50	☉ * h		□		*	□	♂
25 21	7 8	9 0	29 51	24 1					*	□	♂
25 28	7 16	9 44	1 r 0	23 4		Δ	*				Δ
25 36	7 24	10 29	2 9	21 59				Δ			
25 43	7 32	11 13	3 18	20 52		□			*		□
25 50	7 39	11 58	4 26	19 43	☉ ♂ ♀		□			Δ	*
25 58	7 47	12 42	5 34	18 31		♂		♂			*
26 5	7 54	13 27	6 42	17 22		*	*				
26 12	8 2	14 11	7 50	16 17	♀ Δ ♀				♂	□	
26 20	8 9	14 56	8 58	15 15	♀ * h				*		
26 27	8 16	15 40	10 6	14 19				*		*	
26 34	8 23	16 25	11 13	13 30	☉ ♂ h		*				♂
26 41	8 29	17 9	12 20	12 43		♂		♂			
26 48	8 36	17 54	13 27	12 13			□		□	*	
26 55	8 43	18 38	14 34	11 46							
27 3	8 49	19 23	15 40	11 26				Δ			*
27 10	8 55	20 7	16 46	11 14			Δ		□	♂	
27 17	9 1	20 52	17 51	11 D 9		*		*			
27 25	9 7	21 37	18 57	11 11							□
27 32	9 13	22 22	20 2	11 19				□	♂	Δ	
27 39	9 19	23 7	21 8	11 33		□		♂		Δ	
27 47	9 25	23 52	22 13	11 53			♂		*		
27 54	9 30	24 37	23 18	12 18		Δ		Δ			
28 1	9 35	25 22	24 22	12 48							
28 8	9 40	26 7	25 27	13 23	☉ □ ♀				♂	□	

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	0 N 0	22 S 41	1 S 18	13 S 19	0 N 51	21 S 6
4	16	9	0 0	22 41	1 18	13 12	0 51	21 8
7	16	8	0 0	22 41	1 19	13 5	0 52	21 9
10	16	8	0 0	22 42	1 19	12 58	0 52	21 10
13	16	7	0 0	22 42	1 19	12 50	0 52	21 11
16	16	6	0 0	22 42	1 19	12 43	0 52	21 12
19	16	5	0 0	22 42	1 20	12 37	0 52	21 12
22	16	4	0 0	22 42	1 20	12 31	0 52	21 13
25	16	3	0 0	22 42	1 21	12 24	0 53	21 13
28	16	3	0 0	22 42	1 21	12 17	0 53	21 14
31	16	2	0 0	22 42	1 21	12 10	0 53	21 14

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	22 35 44	10 × 36 24	7 S 36	12 Ω 34	4 N 46	21 N 37	15 ♄ 37
2	S	22 39 41	11 36 29	7 13 26	57 5	0 17	14	15 38
3	M	22 43 37	12 36 32	6 50 11	42 4	55 11	44	15 39
4	Tu	22 47 34	13 36 33	6 27 26	39 4	30 5	28	15 40
5	W	22 51 30	14 36 33	6 4 11	39 3	46 18	9	15 41
6	Th	22 55 27	15 36 31	5 41 26	33 2	47 7	39	15 42
7	F	22 59 23	16 36 26	5 18 11	13 1	37 13	40	15 42
8	S	23 3 20	17 36 21	4 54 25	36 0	23 18	49	15 43
9	S	23 7 17	18 36 13	4 31 9	38 0	52 22	46	15 43
10	M	23 11 13	19 36 4	4 7 23	20 2	1 25	19	15 44
11	Tu	23 15 10	20 35 54	3 44 6	43 3	3 26	20	15 44
12	W	23 19 6	21 35 42	3 20 19	50 3	53 25	50	15 45
13	Th	23 23 3	22 35 28	2 57 2	42 4	30 23	57	15 45
14	F	23 26 59	23 35 13	2 33 15	22 4	54 20	55	15 45
15	S	23 30 56	24 34 56	2 9 27	51 5	2 16	58	15 46
16	S	23 34 52	25 34 36	1 46 10	10 4	57 12	21	15 46
17	M	23 38 49	26 34 15	1 22 22	20 4	38 7	18	15 46
18	Tu	23 42 45	27 33 52	0 58 4	22 1	7 2	3	15 47
19	W	23 46 42	28 33 26	0 34 16	17 3	25 3	N 15	15 47
20	Th	23 50 39	29 32 59	0 11 28	7 2	35 8	25	15 47
21	F	23 54 35	0 ♄ 32 29	0 N 13	9 54	1 37	13	15 47
22	S	23 58 32	1 31 57	0 37 21	42 0	36 17	38	15 46
23	S	0 2 28	2 31 23	1 0 3	33 0	N 28	21	15 46
24	M	0 6 25	3 30 47	1 24 15	33 1	31 24	12	15 46
25	Tu	0 10 21	4 30 8	1 47 27	47 2	31 25	58	15 45
26	W	0 14 18	5 29 27	2 11 10	20 3	26 26	29	15 45
27	Th	0 18 14	6 28 43	2 34 23	16 4	12 25	36	15 45
28	F	0 22 11	7 27 57	2 58 6	40 4	46 23	14	15 44
29	S	0 26 8	8 27 9	3 21 20	33 5	5 19	23	15 44
30	S	0 30 4	9 26 19	3 45 4	55 5	5 14	27	15 44
31	M	0 34 1	10 25 26	4 8 19	43 4	46 8	28	15 43

MARCH XXXI DAYS.

D M.	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 52	21 8 40	1 N 44	11 N 51	0 N 28	16 8 12	1 11 17
4	0 55	21 14	2 0	13 13	0 8 6	16 3	1 7
7	0 57	20 48	2 16	14 34	0 37	15 40	0 58
10	0 59	20 18	2 32	15 50	1 4	15 4	0 48
13	1 1	19 48	2 49	17 6	1 27	14 14	0 39
16	1 3	19 15	3 5	18 16	1 46	13 12	0 29
19	1 5	18 42	3 21	19 24	2 1	11 58	0 20
22	1 7	18 4	3 37	20 28	2 12	10 32	0 10
25	1 10	17 28	3 52	21 27	2 19	8 55	0 1
28	1 13	16 46	4 7	22 23	2 22	7 6	29 51
31	1 14	16 6	4 22	23 14	2 21	5 8	29 42

D M	h		♄		♊		♀		♍		♏		Mutual Aspts.		Lunar Aspects.								
	Long.		Long.		Long.		Long.		Long.		Long.			☉	☿	♈	♉	♊	♋	♌	♍	♎	♏
	°	'	°	'	°	'	°	'	°	'	°	'											
1	28	m 15	9	45	26	m 52	26	r 31	14	m 3						Δ			Δ				♊
2	28	22	9	50	27	37	27	34	14	44	♀ ☐ ♂					♊	♋					Δ	♊
3	28	29	9	54	28	22	28	36	15	31	♀ * ♂	♈	♋	♊	♌	☐			♋				
4	28	37	9	58	29	7	29	39	16	23	♀ * ♂	♈								Δ			
5	28	44	10	2	29	52	0	34	17	18					*				*				Δ
6	28	51	10	4	0	m 37	1	43	18	15	☉ ☐ ♂	♈					Δ				☐	♊	
7	28	58	10	10	1	22	2	45	19	13						Δ							♊
8	29	5	10	14	2	7	3	46	20	14								☐	♋				☐
9	29	12	10	17	2	52	4	48	21	18						♋		♋	*				
10	29	19	10	20	3	37	5	49	22	26						☐		*					*
11	29	26	10	23	4	22	6	49	23	36													Δ
12	29	33	10	26	5	7	7	48	24	47					*								
13	29	40	10	29	5	52	8	46	25	59										♋			
14	29	47	10	32	6	37	9	44	27	14						*		*			☐		
15	29	54	10	34	7	22	10	42	28	31							♋					♋	
16	0	x 1	10	36	8	8	11	40	29	49	♀ ☉ ♂	♈				☐			☐		*		
17	0	7	10	38	8	53	12	37	1	x 9					♋								
18	0	14	10	40	9	38	13	34	2	31											*		
19	0	20	10	42	10	24	14	30	3	55							Δ		Δ				
20	0	27	10	43	11	9	15	26	5	20								*					
21	0	34	10	44	11	54	16	21	6	46												☐	
22	0	40	10	45	12	40	17	15	8	14												♋	*
23	0	47	10	46	13	25	18	9	9	44					*			☐		♋			
24	0	54	10	47	14	10	19	2	11	15	♀ ☐ ♀					♋			♋		Δ		☐
25	1	0	10	48	14	58	19	54	12	47								Δ					
26	1	7	10	48	15	41	20	45	14	21	♊ * ♂	♈				☐							Δ
27	1	13	10	48	16	27	21	36	15	56	♋ ☐ ♂	♈										*	
28	1	19	10	48	17	12	22	26	17	33							Δ		♋		Δ		
29	1	26	10	48	17	58	23	16	19	12								Δ			♋	☐	
30	1	32	10	48	18	43	24	5	20	51											☐		
31	1	38	10	47	19	29	24	53	22	31	☉ Δ ♀							☐				Δ	♋

8		RAPHAEL'S ASTRONOMICAL EPHEMERIS.										1817.
APRIL XXX DAYS.												
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		Lat.	Declin.	Lat.	Declin.
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.				
	'	"	°	'	°	'	°	'	°	'	°	'
1	16	1	0 N 0	22 S 42	1 S 22	12 S 8	0 N 53	21 S 14				
4	16	0	0 0	22 42	1 22	12 2	0 53	21 13				
7	15	59	0 0	22 42	1 23	11 56	0 54	21 11				
10	15	58	0 0	22 41	1 23	11 50	0 54	21 9				
13	15	58	0 0	22 41	1 23	11 44	0 54	21 8				
16	15	57	0 0	22 41	1 23	11 39	0 54	21 6				
19	15	56	0 0	22 41	1 24	11 34	0 54	21 5				
22	15	56	0 0	22 40	1 25	11 29	0 54	21 3				
25	15	55	0 0	22 40	1 26	11 25	0 54	21 1				
28	15	54	0 0	22 39	1 26	11 20	0 54	20 59				

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♅ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	0 37 57	11 r 24 30	4 N 31	4 48	4 N 7	1 N 52	15 f 43
2	W	0 41 54	12 23 38	4 54	20 2	3 9	4 S 55	15 R 42
3	Th	0 45 50	13 22 34	5 17	5 m 13	1 59	11 25	15 42
4	F	0 49 47	14 21 33	5 40	20 13	0 40	17 10	15 41
5	S	0 53 43	15 20 30	6 3	4 f 54	0 S 39	21 46	15 40
6	S	0 57 40	16 19 26	6 26	19 11	1 54	24 55	15 39
7	M	1 1 37	17 18 19	6 48	3 w 3	3 0	26 26	15 39
8	Tu	1 5 33	18 17 11	7 11	16 31	3 54	26 19	15 38
9	W	1 9 30	19 16 2	7 33	29 37	4 35	24 43	15 37
10	Th	1 13 26	20 14 51	7 55	12 m 23	5 0	21 54	15 36
11	F	1 17 23	21 13 38	8 17	24 53	5 11	18 6	15 35
12	S	1 21 19	22 12 23	8 39	7 * 11	5 7	13 37	15 34
13	S	1 25 16	23 11 6	9 1	19 18	4 49	8 40	15 33
14	M	1 29 12	24 9 48	9 23	1 r 17	4 19	3 27	15 31
15	Tu	1 33 9	25 8 28	9 44	13 11	3 37	1 N 52	15 30
16	W	1 37 6	26 7 6	10 6	25 0	2 47	7 6	15 29
17	Th	1 41 2	27 5 48	10 21	6 48	1 49	12 5	15 26
18	F	1 44 59	28 4 17	10 48	18 36	0 46	16 38	15 26
19	S	1 48 55	29 2 49	11 9	0 n 27	0 N 19	20 34	15 25
20	S	1 52 52	0 8 1 15	11 29	12 23	1 23	23 41	15 23
21	M	1 56 48	0 59 47	11 50	24 28	2 25	25 46	15 22
22	Tu	2 0 45	1 58 13	12 10	6 45	3 21	26 39	15 20
23	W	2 4 41	2 56 37	12 30	19 18	4 9	26 11	15 18
24	Th	2 8 38	3 54 59	12 50	2 12	4 46	24 20	15 17
25	F	2 12 34	4 53 18	13 10	15 30	5 9	21 7	15 15
26	S	2 16 30	5 51 36	13 29	29 14	5 15	16 40	15 13
27	S	2 20 26	6 49 51	13 49	13 w 25	5 3	11 11	15 12
28	M	2 24 22	7 48 4	14 8	28 2	4 31	4 52	15 10
29	Tu	2 28 18	8 46 16	14 26	12 58	3 40	1 S 40	15 8
30	W	2 32 14	9 44 25	14 45	28 8	2 38	8 26	15 6

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "
1	18 14	15 56	4 N 25	23 N 29	2 S 20	4 S 26	29 39
4	1 16	15 13	4 37	24 11	2 13	2 14	29 29
7	1 18	14 30	4 50	24 54	2 1	0 N 7	29 20
10	1 20	13 45	4 59	25 30	1 45	2 37	29 10
13	1 22	13 0	5 9	25 58	1 24	5 13	29 1
16	1 24	12 17	5 15	26 20	0 59	7 55	28 51
19	1 26	11 26	5 21	26 42	0 31	10 38	28 42
22	1 28	10 33	5 23	26 50	0 N 0	13 20	28 32
25	1 29	9 47	5 24	27 2	0 32	15 54	28 23
28	1 31	9 0	5 19	26 59	1 4	18 15	28 13

D M	\hbar	γ	δ	ζ	η	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		\odot	\oplus	\hbar	γ	δ	ζ
	° / ' / "	° / ' / "	° / ' / "	° / ' / "	° / ' / "							
1	1 x 44	10 f 46	20 m 15	25 3 39	24 x 13		δ			*		
2	1 50	10 R 45	21 0	26 25	25 55			*			Δ	
3	1 50	10 43	21 45	27 10	27 40	$\delta * \gamma$			Δ			
4	2 2	10 42	22 31	27 54	29 28						\square	
5	2 5	10 40	23 16	28 37	1 r 16	$\odot \Delta \hbar$			\square	σ		$\delta \Delta$
6	2 14	10 39	24 1	29 19	3 5		Δ	σ			*	
7	2 20	10 37	24 47	0 0	4 56				*			\square
8	2 26	10 35	25 32	0 40	6 49		\square					
9	2 32	10 32	26 18	1 19	8 43						Δ	
10	2 37	10 30	27 4	1 56	10 39	$\delta \Delta \gamma$		*		*		*
11	2 43	10 27	27 49	2 32	12 36	$\gamma \square \hbar$	*				σ	
12	2 49	10 24	28 35	3 7	14 34	$\delta \Delta \hbar$			σ	\square		\square
13	2 54	10 21	29 21	3 41	16 33			\square				*
14	3 0	10 18	0 x 6	4 12	18 34							*
15	3 5	10 14	0 52	4 42	20 37			Δ		Δ		
16	3 10	10 11	1 37	5 11	22 41		σ					σ
17	3 16	10 7	2 23	5 39	24 46				*		*	
18	3 21	10 4	3 8	6 5	26 52	$\delta \sigma \hbar$						
19	3 26	10 0	3 54	6 30	28 58	$\odot \sigma \delta$			\square		\square	
20	3 31	9 56	4 39	6 53	1 3 5			δ		δ		σ
21	3 36	9 51	5 24	7 14	3 13	$\delta * \hbar$						*
22	3 41	9 47	6 10	7 33	5 22	$\delta * \delta$	*		Δ		Δ	*
23	3 46	9 42	6 55	7 50	7 31							
24	3 51	9 37	7 40	8 4	9 39	$\odot * \hbar$	\square					*
25	3 55	9 32	8 26	8 16	11 46			Δ		Δ		\square
26	4 0	9 27	9 11	8 27	13 53	$\delta \square \gamma$	Δ		δ			
27	4 4	9 22	9 57	8 36	15 59			\square		\square	δ	$\square \Delta$
28	4 9	9 16	10 42	8 42	18 4							
29	4 13	9 11	11 28	8 45	20 7			*		*		Δ
30	4 18	9 6	12 13	8 R 46	22 7				Δ			

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	15	54	0 S	0	22 S	38	1 S	54
4	15	54	0	0	22	38	0	54
7	15	53	0	0	22	37	0	54
10	15	52	0	0	22	36	0	54
13	15	51	0	0	22	36	0	54
16	15	51	0	0	22	35	0	54
19	15	50	0	0	22	34	0	53
22	15	50	0	1	22	33	0	53
25	15	49	0	1	22	32	0	53
28	15	49	0	1	22	31	0	53
31	15	48	0	1	22	30	0	53

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	Th	2 36 10	10 8 42	32	15 N 3	13 m 21	1 N 15	14 S 40
2	F	2 40 7	11 40 38	15	21 28	28	0 S 8	19 58
3	S	2 44 3	12 38 43	15	39 13	20	1 29	23 54
4	S	2 48 0	13 36 46	15	57 27	50	2 43	26 10
5	M	2 51 57	14 34 47	16	14 11	55	3 44	26 39
6	Tu	2 56 53	15 32 47	16	31 25	33	4 31	25 29
7	W	2 59 50	16 30 46	16	48 8	45	5 12	22 56
8	Th	3 3 46	17 28 43	17	3 21	33	5 16	19 19
9	F	3 7 43	18 26 40	17	20 4	2	5 15	14 55
10	S	3 11 39	19 24 35	17	36 16	16	5 0	10 1
11	S	3 15 36	20 22 29	17	52 28	17	4 31	4 50
12	M	3 19 32	21 20 22	18	7 10	11	3 52	0 N 29
13	Tu	3 23 29	22 18 13	18	22 22	0	3 2	5 45
14	W	3 27 26	23 16 4	18	37 3	47	2 5	10 50
15	Th	3 31 22	24 13 52	18	51 15	36	1 3	15 32
16	F	3 35 19	25 11 40	19	5 27	28	0 N 3	19 40
17	S	3 39 15	26 9 26	19	19 9	27	1 9	23 2
18	S	3 43 12	27 7 11	19	32 21	32	2 12	25 24
19	M	3 47 8	28 4 54	19	45 3	48	3 11	26 35
20	Tu	3 51 5	29 2 36	19	58 16	16	4 1	26 28
21	W	3 55 1	0 0 16	20	10 28	58	4 41	24 58
22	Th	3 58 58	0 57 55	20	22 11	57	5 7	22 8
23	F	4 2 55	1 55 32	20	34 25	15	5 17	18 5
24	S	4 6 51	2 53 8	20	45 8	54	5 11	13 2
25	S	4 10 48	3 50 42	20	56 22	53	4 46	7 12
26	M	4 14 44	4 48 15	21	7 7	14	4 3	0 51
27	Tu	4 18 41	5 45 47	21	17 21	53	3 3	5 S 42
28	W	4 22 37	6 43 17	21	27 6	45	1 50	12 3
29	Th	4 26 34	7 40 45	21	37 21	44	0 29	17 45
30	F	4 30 30	8 38 13	21	46 6	41	0 S 53	22 20
31	S	4 34 27	9 35 40	21	55 21	30	2 12	25 25

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 32	88 6	5 N12	26 N55	1 N32	20 N18	28 3
4	1 34	7 18	4 55	26 40	1 56	23 0	27 53
7	1 35	6 23	4 43	26 17	2 14	23 19	27 44
10	1 36	5 30	4 15	25 39	2 24	24 17	27 34
13	1 37	4 39	3 53	25 1	2 26	24 53	27 25
16	1 38	3 45	3 18	24 8	2 21	25 11	27 15
19	1 39	2 54	2 42	23 15	2 7	25 12	27 6
22	1 40	2 2	2 6	22 10	1 44	25 0	26 56
25	1 41	1 9	1 20	21 6	1 14	24 34	26 47
28	1 42	0 17	0 38	20 0	0 35	23 58	26 37
31	1 43	0 N35	0 0	18 58	08 10	23 14	26 28

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♄	♅	♀	♁
	° /	° /	° /	° /	° /							
1	4 22	9 0	12 59	8 44	24 7		♁					♁
2	4 26	8 54	13 44	8 40	26 4	♀ ♁ ♄		☉				♁
3	4 30	8 48	14 29	8 34	27 57		☉					
4	4 34	8 41	15 15	8 25	29 45	♁ ☉ ♄						
5	4 38	8 35	16 0	8 14	1 31		Δ	*	*			
6	4 42	8 29	16 45	8 1	3 15							
7	4 46	8 22	17 31	7 46	4 56	♁ ☉ ♄			*		Δ	Δ
8	4 50	8 16	18 16	7 28	6 34	♁ ☉ ♄		*				
9	4 54	8 9	19 1	7 8	8 8	♁ ♁ ♄			☉		☉	☉
10	4 57	8 2	19 47	6 46	9 37		*	☉			☉	
11	5 1	7 55	20 32	6 22	11 3							
12	5 4	7 48	21 17	5 55	12 26	☉ * ♁		Δ		Δ	*	*
13	5 7	7 41	22 2	5 26	13 45							
14	5 10	7 34	22 47	4 56	15 0	♁ ♁ ♄			*			
15	5 13	7 27	23 32	4 24	16 11	☉ ☉ ♄						
16	5 16	7 19	24 17	3 51	17 18		☉			*		
17	5 19	7 12	25 2	3 16	18 21			♁		♁	☉	☉
18	5 22	7 5	25 47	2 40	19 20							
19	5 24	6 57	26 32	2 20	20 14							
20	5 27	6 50	27 17	1 23	21 4				Δ			
21	5 29	6 42	28 2	0 44	21 50	☉ ☉ ♄		*			Δ	*
22	5 32	6 35	28 46	0 6	22 33				Δ			
23	5 34	6 27	29 31	29 8	23 11			☉				*
24	5 37	6 20	0 16	28 53	23 44				♁			
25	5 39	6 12	1 0	28 18	24 12						Δ	☉
26	5 41	6 5	1 45	27 43	24 36				*	*	♁	
27	5 43	5 57	2 30	27 9	24 55	☉ ☉ ♄						Δ
28	5 45	5 50	3 15	26 30	25 9					Δ		
29	5 47	5 42	3 59	26 4	25 19	♄ ☉ ♄					♁	
30	5 49	5 34	4 44	25 33	25 24		♁			☉	Δ	
31	5 51	5 26	5 29	25 4	25 25	♁ Δ ♄		☉				♁

JUNE XXX DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
	'	"		°	'	°	'	°	'
1	15	48	08	1	22 29	1 33	10 49	0 N 52	20 21
4	15	48	0	1	22 28	1 34	10 48	0 52	20 17
7	15	47	0	1	22 27	1 35	10 48	0 51	20 14
10	15	47	0	1	22 26	1 35	10 48	0 51	20 11
13	15	46	0	1	22 26	1 36	10 48	0 50	20 7
16	15	46	0	1	22 25	1 36	10 48	0 50	20 4
19	15	46	0	1	22 25	1 37	10 49	0 49	20 0
22	15	46	0	1	22 24	1 38	10 50	0 49	19 57
25	15	46	0	1	22 24	1 39	10 51	0 48	19 55
28	15	45	0	1	22 23	1 39	10 53	0 48	19 53

D M	D W	Sideres' Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	4 38 24	10 33	5 22 N 3	6 w 2	3 8 20	26 3 39	13 55
2	M	4 42 20	11 30 30	22 11 20	12 4 14	26 7	13 53	
3	Tu	4 46 17	12 27 54	22 19 3 m	57 4 51	24 0	13 51	
4	W	4 50 13	13 25 18	22 26 17	15 5 12	20 38	13 49	
5	Th	4 54 10	14 22 41	22 33 0 *	9 5 16	16 22	13 47	
6	F	4 58 6	15 20 42	22 39 12	40 5 41	11 30	13 44	
7	S	5 2 31	16 17 26	22 45 24	54 4 39	6 18	13 42	
8	S	5 5 59	17 14 47	22 51 6	r 51 4 2	0 58	13 39	
9	M	5 9 56	18 12 8	22 56 18	47 3 15	4 N 21	13 36	
10	Tu	5 13 53	19 9 29	23 1 0	35 2 20	9 30	13 33	
11	W	5 17 49	20 6 50	23 6 12	23 1 19	14 19	13 30	
12	Th	5 21 46	21 4 9	23 10 24	15 0 15	18 37	13 28	
13	F	5 25 42	22 1 29	23 13 6	14 0 N 51	22 12	13 25	
14	S	5 29 39	22 58 48	23 17 18	23 1 55	24 52	13 23	
15	S	5 33 35	23 56 6	23 20 0	5 43 2 55	26 23	13 20	
16	M	5 37 32	24 53 24	23 22 13	16 3 47	26 34	13 18	
17	Tu	5 41 29	25 50 41	23 24 26	1 4 29	25 22	13 15	
18	W	5 45 25	26 47 57	23 26 9	Ω 1 4 58	22 48	13 12	
19	Th	5 49 22	27 45 13	23 27 22	14 5 12	19 1	13 10	
20	F	5 53 18	28 42 29	23 27 5 m	42 5 9	14 13	13 8	
21	S	5 57 15	29 39 43	23 28 19	23 4 48	8 37	13 6	
22	S	6 1 11	0 36 58	23 28 3	Δ 18 4 11	2 31	13 4	
23	M	6 5 8	1 34 10	23 27 17	27 3 17	38 49	13 2	
24	Tu	6 9 4	2 31 23	23 26 1 m	47 2 11	10 3	13 0	
25	W	6 13 1	3 28 35	23 25 16	17 0 56	15 50	12 57	
26	Th	6 16 58	4 25 46	23 23 0	f 53 0 8	24 44	12 55	
27	F	6 20 55	5 22 57	23 21 15	29 1 41	24 21	12 53	
28	S	6 24 52	6 20 7	23 19 0	w 1 2 52	26 20	12 50	
29	S	6 28 49	7 17 18	23 16 14	20 3 50	26 31	12 48	
30	M	6 32 46	8 14 28	23 12 28	23 4 34	24 58	12 46	

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 S 43	0 N 54	0 S 18	18 N 39	0 S 26	22 N 57	26 25
4	1 44	1 46	0 53	17 49	1 17	22 5	26 15
7	1 44	2 37	1 31	16 59	2 8	21 11	26 6
10	1 45	3 28	2 0	16 20	2 56	20 18	25 56
13	1 45	4 18	2 29	15 57	3 37	19 30	25 47
16	1 45	5 8	2 48	15 39	4 8	18 53	25 37
19	1 45	5 58	3 12	15 29	4 25	18 29	25 27
22	1 45	6 48	3 25	15 30	4 31	18 19	25 18
25	1 45	7 34	3 40	15 31	4 25	18 25	25 8
28	1 45	8 20	3 48	15 44	4 8	18 45	24 59

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	5 52	5 18	6 13	24 36	25 20				*		□		
2	5 54	5 10	6 58	24 10	25 15							Δ	
3	5 56	5 3	7 42	23 47	25 3					*	*		
4	5 56	4 55	8 26	23 27	24 43	☉ ♀ ☿	Δ	*				□	
5	5 57	4 48	9 10	23 9	24 21				♈	□			Δ
6	5 58	4 40	9 54	22 54	23 58		□	□					
7	5 59	4 33	10 38	22 42	23 33							*	□
8	6 0	4 25	11 22	22 32	23 5					Δ	♈		*
9	6 1	4 18	12 6	22 24	23 34		*	Δ					*
10	6 2	4 11	12 50	22 18	22 0				*				
11	6 3	4 4	13 34	22 14	21 26	♈ Δ ☿							
12	6 3	3 57	14 18	22 13	20 52	☉ ♂ ♀						♈	
13	6 3	3 50	15 1	22 14	20 19					□	♈		
14	6 3	3 43	15 45	22 17	19 46		♈	♈			*		♈
15	6 3	3 36	16 28	22 23	19 15				Δ				
16	6 3	3 30	17 12	22 31	18 45							□	
17	6 3	3 23	17 55	22 41	18 17	♀ * ♂						*	
18	6 3	3 16	18 39	22 53	17 52			Δ		Δ			
19	6 3	3 10	19 22	23 7	17 31		*				Δ	□	*
20	6 3	3 4	20 5	23 33	17 14				♈	□			
21	6 3	2 58	20 48	23 51	17 0			□				Δ	□
22	6 2	2 52	21 31	24 11	16 50		□			*			
23	6 1	2 46	22 14	24 33	16 45			*			♈		Δ
24	6 0	2 40	22 57	24 56	16 14		Δ		Δ				
25	5 59	2 34	23 40	25 11	16 49								
26	5 58	2 28	24 23	25 38	16 58					□	♈		♈
27	5 57	2 23	25 5	26 6	17 12								♈
28	5 56	2 18	25 48	26 35	17 30	☉ Δ ♈		♈	*		Δ		
29	5 55	2 13	26 30	27 6	17 53								
30	5 54	2 8	27 13	27 38	18 22					*	□	Δ	

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.							
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	'	"	°	'	°	'	°	'						
1	15	45	08	1	22	8 22	18	40	10	8 55	0	N 47	19	8 50
4	15	45	0	1	22	21	1	40	10	58	0	47	19	48
7	15	45	0	1	22	20	1	41	11	0	0	46	19	46
10	15	46	0	1	22	19	1	42	11	3	0	45	19	45
13	15	46	0	1	22	19	1	43	11	6	0	44	19	43
16	15	46	0	1	22	18	1	43	11	9	0	44	19	42
19	15	46	0	1	22	18	1	44	11	13	0	43	19	42
22	15	46	0	1	22	17	1	44	11	17	0	43	19	41
25	15	47	0	1	22	17	1	45	11	21	0	42	19	41
28	15	47	0	1	22	17	1	45	11	25	0	42	19	42
31	15	47	0	1	22	17	1	45	11	30	0	41	19	43

D M	D W	Sideres' Time.	☉ Long.			☽ Declin			♄ Long.			♄ Lat.			♃ Declin			♃ Long.		
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	Tu	6 36 43	95	11	39	23	N	9	12	35	5	58	0	21	8	59	12	7	44	
2	W	6 40 40	10	8	50	23			5	25	24	5	9	17	55	12	8	42		
3	Th	6 44 37	11	6	1	23		0	8	19		5	2	13	8	12	40			
4	F	6 48 33	12	3	12	22		55	20	52		4	41	7	55	12	38			
5	S	6 52 30	13	0	24	22		50	3	7		4	7	2	32	12	36			
6	S	6 56 27	13	57	36	22		44	15	8		3	22	2	N 51	12	34			
7	M	7 0 23	14	54	48	22		38	27	1		2	30	8	5	12	32			
8	Tu	7 4 20	15	52	1	22		31	8	49		1	31	13	1	12	30			
9	W	7 8 16	16	49	15	22		24	20	39		0	28	17	28	12	28			
10	Th	7 12 13	17	46	29	22		17	2	35		0	N 36	21	17	12	26			
11	F	7 16 9	18	43	43	22		9	14	41		1	39	24	14	12	24			
12	S	7 20 6	19	40	58	22		1	27	1		2	39	26	5	12	22			
13	S	7 24 2	20	38	14	21		58	9	36		3	32	26	39	12	20			
14	M	7 27 59	21	35	30	21		44	22	27		4	16	25	48	12	18			
15	Tu	7 31 56	22	32	46	21		35	5	35		4	47	23	31	12	17			
16	W	7 35 52	23	30	2	21		25	18	57		5	3	19	57	12	15			
17	Th	7 39 49	24	27	19	21		15	2	33		5	2	15	16	12	13			
18	F	7 43 45	25	24	36	21		5	16	19		4	44	9	46	12	12			
19	S	7 47 42	26	21	53	20		54	0	13		4	9	3	44	12	11			
20	S	7 51 38	27	19	11	20		43	14	13		3	19	2	S 33	12	9			
21	M	7 55 35	28	16	28	20		32	28	19		2	17	8	46	12	8			
22	Tu	7 59 31	29	13	46	20		20	12	28		1	6	14	33	12	7			
23	W	8 3 28	0	11	4	20		8	26	40		0	S 10	19	35	12	6			
24	Th	8 7 25	1	8	23	19		56	10	7	53		1	24	23	29	12	4		
25	F	8 11 21	2	5	42	19		43	25	4		2	33	25	56	12	3			
26	S	8 15 18	3	3	1	19		30	9	10		3	33	26	41	12	2			
27	S	8 19 14	4	0	21	19		16	23	8		4	18	25	44	12	1			
28	M	8 23 11	4	57	42	19		3	6	53		4	48	23	13	11	59			
29	Tu	8 27 7	5	55	3	18		49	20	21		5	1	19	29	11	58			
30	W	8 31 4	6	52	26	18		34	3	31		4	58	14	51	11	57			
31	Th	8 35 0	7	49	49	18		20	16	20		4	39	9	41	11	55			

JULY XXXI DAYS.

Mars.			Venus.			Mercury.			Moon's Node.						
Lat.	Declin.		Lat.	Declin.		Lat.	Declin.								
° /	° /		° /	° /		° /	° /		° /						
1 18 45	9 8 7		3 8 57	15 N 56		3 8 43	19 S 18		24 8 50						
4 1 44	9 52		4 1	16 16		3 12	19 58		24 40						
7 1 44	10 36		4 4	16 36		2 36	20 44		24 31						
0 1 43	11 19		4 4	17 0		1 57	21 29		24 21						
3 1 42	12 0		4 3	17 25		1 17	22 10		24 12						
6 1 42	12 40		4 0	17 58		0 37	22 42		24 2						
9 1 41	13 20		3 56	18 16		0 N 1	22 58		23 53						
2 1 40	14 0		3 50	18 42		0 35	22 54		23 43						
5 1 38	14 35		3 43	19 5		1 3	22 27		23 34						
8 1 36	15 10		3 35	19 28		1 24	21 35		23 24						
1 1 35	15 43		3 26	19 47		1 38	20 22		23 15						
Mutual Lunar Aspects.															
h	♈	♉	♊	♋	♌	Mutual Aspts.	☉	♈	♉	♊	♋	♌	♍	♎	♏
Long.	Long.	Long.	Long.	Long.	Long.										
° /	° /	° /	° /	° /	° /										
1 5 x 52	2 ♀ 3	27 7 55	28 8 11	18 11 56				*							
2 5 R 51	1 R 58	28 37 28	46 19 31												
3 5 49	1 54	29 19 29	22 20 14				Δ	☐	♈			*	☐	Δ	
4 5 48	1 49	0 8 1	0 11 0	21 4											☐
5 5 46	1 45	0 43	0 39 21	58							Δ		*		
6 5 44	1 41	1 25	1 19 22	55	♀ ♀ ♀		☐	Δ							
7 5 42	1 37	2 7	2 0 23	55									♈		*
8 5 40	1 34	2 49	2 42 25	0					*						
9 5 38	1 30	3 30	3 25 26	10			*								
0 5 35	1 27	4 11	4 9 27	26						☐	♈		♈		
1 5 33	1 23	4 53	4 53 28	46	♀ ☐ ♀			♈							♈
2 5 31	1 20	5 34	5 38 0 5	9	♈ * ♀										♈
3 5 28	1 17	6 15	6 24 1	36					Δ		*				
4 5 26	1 15	6 56	7 11 3	7			♈								
5 5 23	1 12	7 37	7 59 4	42	♀ Δ ♀					Δ	☐	*			
6 5 21	1 10	8 18	8 47 6	22					Δ						
7 5 18	1 7	8 58	9 36 8	5						♈	☐	Δ			*
8 5 15	1 5	9 39	10 26 9	51	♀ * ♀			☐					☐		
9 5 12	1 3	10 19	11 17 11	41			*			*					
0 5 9	1 1	10 59	12 9 13	34	♀ ♀ ♀			*					Δ	☐	
1 5 6	1 0	11 39	13 1 15	29				☐		Δ					
2 5 3	0 59	12 19	13 54 17	26									♈		Δ
3 5 0	0 58	12 59	14 47 19	25				Δ			♈				
4 4 57	0 57	13 39	15 41 21	27	☉ Δ ♀			♈	☐					♈	
5 4 53	0 56	14 19	16 35 23	31											
6 4 50	0 56	14 58	17 29 25	35						*		Δ			
7 4 46	0 56	15 37	18 24 27	40											♈
8 4 43	0 D 56	16 16	18 20 29	46	♀ Δ ♀		♈			*					
9 4 39	0 56	16 55	20 16 1	53			*			*		☐	Δ		
0 4 35	0 56	17 34	21 13 3	59					♈	☐					
1 4 31	0 56	18 13	22 10 6	4				☐			*				

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 47	08 1	22 S 16	18 46	11 S 32	0 N 40	19 S 43
4	15 47	0 1	22 16	1 46	11 37	0 40	19 44
7	15 48	0 1	22 16	1 47	11 42	0 39	19 46
10	15 48	0 1	22 16	1 47	11 47	0 38	19 48
13	15 49	0 1	22 15	1 48	11 52	0 37	19 50
16	15 49	0 1	22 15	1 48	11 57	0 37	19 52
19	15 50	0 1	22 15	1 48	12 2	0 36	19 55
22	15 50	0 1	22 15	1 48	12 7	0 36	19 58
25	15 51	0 1	22 15	1 49	12 12	0 35	20 2
28	15 51	0 1	22 15	1 49	12 17	0 35	20 5
31	15 52	0 1	22 15	1 49	12 22	0 34	20 9

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	F	8 38 57	82 47 13	18 N 5	28 51	48 8	4 S 15	11 54
2	S	8 42 54	9 44 39	17 50	11 5	3 25	1 N 14	11 54
3	S	8 46 50	10 42 6	17 34	23 5	2 34	6 35	11 52
4	M	8 50 47	11 39 35	17 18	4 57	1 37	11 39	11 51
5	Tu	8 54 43	12 37 4	17 2	16 45	0 36	16 17	11 50
6	W	8 58 40	13 34 35	16 46	28 36	0 N 27	20 18	11 49
7	Th	9 2 36	14 32 7	16 29	10 34	1 29	23 31	11 48
8	F	9 6 33	15 29 41	16 12	22 44	2 28	25 44	11 48
9	S	9 10 29	16 27 16	15 55	5 11	3 22	26 44	11 47
10	S	9 14 26	17 24 53	15 39	17 58	4 6	26 19	11 47
11	M	9 18 23	18 22 31	15 20	1 12	4 30	24 28	11 47
12	Tu	9 22 19	19 20 10	15 2	14 34	4 57	21 13	11 47
13	W	9 26 16	20 17 50	14 44	28 20	4 59	16 44	11 46
14	Th	9 30 12	21 15 32	14 26	12 21	4 43	11 17	11 46
15	F	9 34 9	22 13 15	14 7	23 32	4 9	5 13	11 46
16	S	9 38 5	23 10 58	13 43	10 47	3 20	18 13	11 46
17	S	9 42 24	24 8 43	13 29	35 4	2 18	7 34	11 45
18	M	9 45 53	25 6 29	13 10	9 17	1 8	13 32	11 45
19	Tu	9 49 55	26 4 16	12 50	23 26	0 S 7	18 46	11 45
20	W	9 53 52	27 2 4	12 31	7 29	1 20	22 54	11 45
21	Th	9 57 43	27 59 53	12 11	21 23	2 23	25 39	11 D 15
22	F	10 1 45	28 57 41	11 51	5 17	3 27	26 48	11 45
23	S	10 5 42	29 55 34	11 31	18 59	4 13	28 18	11 46
24	S	10 9 38	0 53 27	11 10	2 32	4 44	24 14	11 46
25	M	10 13 34	1 51 21	10 50	15 53	4 59	20 51	11 46
26	Tu	10 17 31	2 49 17	10 29	29 1	4 54	16 29	11 46
27	W	10 21 27	3 47 14	10 8	11 54	4 43	11 27	11 47
28	Th	10 25 23	4 45 13	9 47	34 32	4 12	6 2	11 47
29	F	10 29 19	5 43 13	9 25	6 54	3 30	0 29	11 47
30	S	10 33 15	6 41 16	9 4	19 2	2 40	5 N 0	11 47
31	S	10 37 11	7 39 20	8 42	1 0	1 43	10 13	11 48

AUGUST XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
°	'	°	'	°	'	°
18 35	15 N 56	38 24	19 N 54	1 N 42	19 N 54	23 11
1 33	16 26	3 14	20 13	1 46	18 15	23 1
1 31	16 59	3 4	20 24	1 45	16 23	22 52
1 29	17 29	3 53	20 33	1 38	14 22	22 42
1 27	17 57	2 41	20 41	1 27	12 14	22 33
1 25	18 25	2 29	20 42	1 12	10 3	22 23
1 23	18 49	2 17	20 42	0 54	7 49	22 14
1 20	19 12	2 5	20 37	0 33	5 36	22 4
1 17	19 35	1 51	20 26	0 12	3 25	21 55
1 14	19 58	1 40	20 9	0 13	1 15	21 45
1 11	20 19	1 25	19 47	0 38	0 52	21 36

h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
°	'	°	'	°	'		°	'	°	'	°	'	°
4 x 27	0 1 56	18 5 52	23 11 8	8 52 8									
4 B 23	0 57 19	30 24	6 10 13	10 13	☉ ☿ ♈	Δ Δ							
4 19	0 58 20	8 25	4 12 17	12 17	☿ Δ ♈							*	
4 15	0 59 20	46 26	3 14 20	14 20	☉ Δ ♈			*					
4 11	1 0 21	24 27	2 16 21	16 21		☐					♈		☐
4 7	1 1 22	2 28	1 18 20	18 20			*	♈	☐	♈			
4 3	1 3 22	40 29	1 20 18	20 18			*	♈					
3 59	1 5 23	17 0 25	1 22 15	22 15									*
3 55	1 7 23	54 1	2 24 11	24 11	☿ ☐ ♈				Δ			♈	
3 51	1 10 24	31 2	3 26 6	26 6									
3 47	1 12 25	8 3	4 28 0	28 0						Δ	*		
3 43	1 14 25	45 4	6 29 52	29 52	☿ Δ ♈	♈ Δ							
3 38	1 17 26	21 5	8 1 41	1 41	☿ ☐ ♈			♈	☐	☐			♈
3 34	1 20 26	57 6	10 3 29	3 29	☿ ♈ ♈		☐				*		
3 29	1 23 27	33 7	12 5 16	5 16					*	Δ			
25 1	27 28	9 8	15 7 2	7 2			*					☐	
20 1	30 28	45 9	18 8 47	8 47			*						
16 1	33 29	21 10	21 10 30	10 30	☿ * ♈			Δ				Δ	*
11 1	37 29	56 11	25 12 11	12 11	☿ ☐ ♈	☐				♈			
7 1	41 0 31	12 29 13	29 13 51	13 51			♈	☐	♈				
2 1	45 1	5 13	34 15 30	15 30		Δ		*					☐
59 1	50 1	40 14	38 17 7	17 7	♈ ♈ ♈			*					
53 1	54 2	14 15	43 18 43	18 43								♈	Δ
49 1	58 2	48 16	47 20 18	20 18	♈ ☐ ♈				*	Δ			
44 2	3 3	22 17	52 21 51	21 51	☉ ☐ ♈		*						
40 2	8 3	55 18	57 23 23	23 23	☉ ♈ ♈	♈		♈	☐	☐			
35 2	13 4	28 20	3 24 53	24 53			☐						
31 2	19 5	1 21	9 26 22	26 22								Δ	♈
26 2	24 5	34 22	15 27 50	27 50	♈ ☐ ♈		Δ			Δ	*		
22 2	30 6	7 23	21 29 17	29 17	☉ ☐ ♈							☐	
17 2	35 6	40 24	27 0 42	0 42		Δ		*					

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	08 2	22 S 15	18 49	12 S 24	0 N 33	20 S 11
4	15	54	0 2	22 15	1 49	12 29	0 33	20 15
7	15	55	0 2	22 15	1 49	12 34	0 32	20 19
10	15	56	0 2	22 16	1 49	12 39	0 32	20 23
13	15	57	0 2	22 16	1 49	12 43	0 31	20 28
16	15	57	0 2	22 17	1 49	12 48	0 31	20 33
19	15	58	0 2	22 17	1 49	12 52	0 30	20 38
22	15	59	0 2	22 18	1 49	12 56	0 30	20 43
25	16	0	0 2	22 19	1 49	12 59	0 29	20 49
28	16	0	0 2	22 20	1 49	13 2	0 29	20 54

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	10 41 7	8 ^m 37 26	8 N 21	12 35 50	0 S 42	15 N 3	11 7 48
2	Tu	10 45 3	9 35 33	7 59	24 37	0 N 21	19 17	11 49
3	W	10 49 0	10 33 43	7 37	6 ^m 27	1 23	22 47	11 49
4	Th	10 52 56	11 31 55	7 15	18 24	2 22	25 19	11 50
5	F	10 56 53	12 30 10	6 53	0 ^m 35	3 16	26 44	11 51
6	S	11 0 49	13 28 26	6 30	13 4	4 22	26 50	11 52
7	S	11 4 46	14 26 44	6 8	25 55	4 37	25 31	11 53
8	M	11 8 43	15 25 4	5 45	9 ^m 11	4 58	22 46	11 54
9	Tu	11 12 39	16 23 27	5 23	22 52	5 4	18 41	11 55
10	W	11 16 36	17 21 51	5 0	6 ^m 56	4 51	13 28	11 56
11	Th	11 20 32	18 20 18	4 37	21 19	4 20	7 26	11 57
12	F	11 24 29	19 18 46	4 14	5 ^m 54	3 31	0 53	11 58
13	S	11 28 25	20 17 16	3 51	20 35	2 29	5 S 45	11 59
14	S	11 32 22	21 15 47	3 28	5 ^m 14	1 16	12 5	12 0
15	M	11 36 18	22 14 20	3 5	19 46	0 S 1	17 42	12 1
16	Tu	11 40 15	23 12 56	2 42	4 ^m 6	1 17	22 15	12 2
17	W	11 44 12	24 11 32	2 19	18 13	2 28	25 24	12 3
18	Th	11 48 8	25 10 10	1 55	2 ^m 6	3 28	26 55	12 6
19	F	11 52 5	26 8 50	1 32	15 45	4 16	26 46	12 8
20	S	11 56 1	27 7 31	1 9	29 10	4 48	25 2	12 9
21	S	11 59 58	28 6 14	0 45	12 ^m 22	5 5	21 59	12 10
22	M	12 3 54	29 4 59	0 22	25 21	5 5	17 52	12 12
23	Tu	12 7 51	0 ^m 3 46	0 S 1	8 ^m 8	4 50	13 1	12 13
24	W	12 11 47	1 2 34	0 25	20 42	4 22	7 42	12 15
25	Th	12 15 44	2 1 25	0 48	3 ^m 4	3 41	2 9	12 16
26	F	12 19 41	3 0 17	1 12	15 16	2 51	3 N 23	12 18
27	S	12 23 37	3 59 12	1 35	27 16	1 53	8 45	12 20
28	S	12 27 34	4 58 9	1 59	9 ^m 9	0 51	13 45	12 22
29	M	12 31 30	5 57 8	2 22	20 57	0 N 12	18 13	12 24
30	Tu	12 35 27	6 56 9	2 45	2 ^m 43	1 16	21 56	12 26

SEPTEMBER XXX DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
1 S 11	20 N 23	1 S 21	19 N 43	0 S 47	1 S 33	21 8 33
1 7	20 40	1 8	19 14	1 12	3 33	21 23
1 4	20 58	0 56	18 46	1 38	5 27	21 14
1 1	21 16	0 44	18 0	2 3	7 13	21 4
0 57	21 28	0 31	17 31	2 27	8 51	20 55
0 53	21 42	0 19	16 43	2 50	10 19	20 45
0 49	21 56	0 7	15 57	3 10	11 33	20 36
0 44	22 7	0 N 4	15 2	3 27	12 30	20 26
0 40	22 18	0 15	14 6	3 38	13 7	20 17
0 35	22 29	0 25	13 3	3 42	13 18	20 7

h ₂	♂	♂	♀	♀	Mutual	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♂	♂	♂	♀	♀
° /	° /	° /	° /	° /	° /							
2 12	2 41	7 13	25 33	2 6	♂ * ♀	Δ						
2 8	2 47	7 45	26 40	3 29							*	
2 3	2 53	8 17	27 47	4 50		☐	♂	☐	♂	♂		Δ
1 59	2 59	8 48	28 54	6 9	☉ ☐ ☿				Δ			
1 54	3 6	9 19	0 1	7 27								
1 50	3 12	9 49	1 8	8 43		*						☐
1 45	3 19	10 19	2 16	9 57	♂ Δ ♂							
1 41	3 26	10 49	3 24	11 10	♀ Δ ♂		Δ		Δ	*	♂	*
1 36	3 33	11 19	4 32	12 21	♂ * ☿							
1 32	3 40	11 49	5 40	13 30	♂ ♂ ☿		☐	♂	☐	☐		
1 28	3 48	12 18	6 48	14 37		♂						
1 24	3 55	12 47	7 56	15 42			*		*	Δ	*	
1 20	4 3	13 15	9 5	16 45								♂
1 15	4 11	13 42	10 14	17 46					Δ			☐
1 11	4 19	14 9	11 23	18 44	♀ Δ ☿	*						
1 7	4 27	14 36	12 32	19 38				☐	♂	☐	♂	
1 3	4 35	15 3	13 41	20 29			☐	♂			♂	Δ *
0 59	4 43	15 30	14 50	21 18					*			
0 55	4 51	15 56	16 0	22 4	♀ * ♂							
0 51	5 0	16 21	17 10	22 46		Δ			*			☐
0 47	5 8	16 46	18 20	23 24			*				Δ	
0 44	5 17	17 11	19 30	23 57				♂			♂	Δ
0 40	5 26	17 36	20 40	24 26			☐			☐		
0 36	5 35	18 12	21 50	24 50							☐	
0 33	5 44	18 25	23 0	25 8		♂			Δ			
0 29	5 53	18 48	24 11	25 20			Δ			*		
0 26	6 3	19 11	25 21	25 27	♂ * ♀			*			Δ	♂
0 22	6 12	19 33	26 32	25 29								
0 19	6 22	19 55	27 42	25 18								
0 16	6 31	20 16	28 53	25 3	☉ * ♀	Δ		☐	♂		☐	

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08	22 S 21	18	49	13 S 6	0 N 28
4	16	1	0	22 22	1	49	13 9	0 28
7	16	2	0	22 23	1	48	13 12	0 27
10	16	3	0	22 24	1	48	13 14	0 27
13	16	4	0	22 24	1	48	13 16	0 26
16	16	5	0	22 25	1	48	13 18	0 26
19	16	5	0	22 26	1	47	13 20	0 26
22	16	6	0	22 27	1	47	13 21	0 25
25	16	7	0	22 28	1	47	13 21	0 25
28	16	7	0	22 29	1	47	13 21	0 25
31	16	8	0	22 30	1	47	13 22	0 25

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin ° ' "	♅ Long. °
1	W	12 39 23	7 55 12	38 9	14 11 32	2 N 17	24 N 50	12 128
2	Th	12 43 20	8 54 18	38 26 28	3 12 26	8 12 26	87	12 30
3	F	12 47 16	9 53 27	38 55 8	3 59 27	10	12	12 32
4	S	12 51 13	10 52 37	4 19 21	3 4 37	26 22	12	12 34
5	S	12 55 9	11 51 50	4 42 3	3 24 12	12	12	12 36
6	M	12 59 6	12 51 6	5 5 17	6 5 12	20 41	12	12 38
7	Tu	13 3 3	13 50 24	5 26 0	4 5 15	57	12	12 40
8	W	13 6 59	14 49 44	5 51 14	4 40 10	14	12	12 43
9	Th	13 10 56	15 49 6	6 14 29	3 56 3	48	12	12 45
10	F	13 14 52	16 48 30	6 37 14	2 55 28	58	12	12 48
11	S	13 18 49	17 47 57	6 59 29	1 42 9	40	12	12 51
12	S	13 22 45	18 47 26	7 22 14	0 21 15	50	12	12 53
13	M	13 26 42	19 46 56	7 45 29	18 1 21	0	12	12 56
14	Tu	13 30 38	20 46 24	8 7 13	17 24 46	12	12	12 59
15	W	13 34 35	21 46 3	8 29 28	19 3 28	50	13	1
16	Th	13 38 32	22 45 39	8 52 12	4 15 27	8	13	4
17	F	13 42 28	23 45 16	9 14 25	4 52 25	45	13	7
18	S	13 46 25	24 44 56	9 38 9	5 11 22	57	13	9
19	S	13 50 21	25 44 36	9 55 22	5 14 19	3	13	12
20	M	13 54 18	26 44 19	10 19 5	5 2 14	21	13	15
21	Tu	13 58 14	27 44 3	10 41 17	4 35 9	9	13	17
22	W	14 2 11	28 43 50	11 22 29	3 56 3	40	13	20
23	Th	14 6 7	29 43 38	11 23 11	3 6 1	N 52	13	22
24	F	14 10 4	0 43 28	11 44 23	2 9 7	18	13	25
25	S	14 14 1	1 43 20	12 5 5	1 7 12	21	13	28
26	S	14 17 57	2 43 13	12 26 17	0 2 17	5	13	31
27	M	14 21 54	3 43 9	12 46 29	1 N 3 21	5	13	34
28	Tu	14 25 50	4 43 8	13 6 11	2 6 24	13	13	37
29	W	14 29 47	5 43 8	13 27 28	3 3 26	20	13	40
30	Th	14 33 43	6 43 10	13 46 5	3 53 27	15	13	43
31	F	14 37 40	7 43 15	14 6 17	4 38 28	53	13	47

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	08 30	22 N 38	0 N 36	12 N 1	38 34	12 S 52	19 57
4	0 25	22 47	0 45	10 52	8 12	11 49	19 47
7	0 19	22 56	0 54	9 42	2 38	10 6	19 38
0	0 13	23 5	1 1	8 28	1 40	7 55	19 28
3	0 7	23 13	1 9	7 13	0 38	5 42	19 19
6	0 0	23 21	1 17	5 54	0 N 20	3 55	19 9
9	0 N 7	23 29	1 22	4 34	1 8	2 55	19 0
2	0 14	23 36	1 27	3 10	1 42	2 47	18 50
5	0 21	23 45	1 32	1 49	2 1	3 24	18 41
8	0 28	23 54	1 35	0 24	2 9	4 34	18 31
1	0 36	24 2	1 39	18 0	2 7	6 7	18 22

h	♈		♉		♊		♋		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /	° /	° /	° /							
1	0 x 13	6 f 41	20 11 36	0 w 4	24 39	♀ ♂ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
2	0 B 10	6 51 20	56 1	15 24	B 12	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
3	0 7	7 1 21	10 2	20 23	34	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
4	0 4	7 11 21	35 3	38 22	44	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
5	0 1	7 21 21	54 4	49 21	49	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
7	29 m 58	7 31 22	12 6	0 20	50	☉ * ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
7	29 56	7 42 22	30 7	12 19	46	♀ ☉ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
8	29 53	7 52 22	47 8	24 18	38	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
9	29 51	8 3 23	4 9	36 17	27	☉ ☉ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
0	29 49	8 13 23	20 10	48 16	13	☉ ☉ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
1	29 46	8 24 23	35 12	0 15	2	♀ ☉ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
2	29 44	8 35 23	49 13	12 13	56	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
3	29 42	8 46 24	2 14	24 12	54	♀ * ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
4	29 40	8 57 24	15 15	36 12	0	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
5	29 36	9 8 24	27 16	49 11	15	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
6	29 37	9 19 24	39 18	1 10	40	☉ Δ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
7	29 35	9 30 24	50 19	16 10	15	☉ Δ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
8	29 33	9 41 25	0 20	36 10	2	☉ Δ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
9	29 32	9 53 25	10 21	39 10	D 0	☉ Δ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
0	29 30	10 4 25	19 22	52 10	11	☉ Δ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
1	29 29 10	16 25	27 24	5 10	30	♀ ☉ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
2	29 27 10	27 25	34 25	16 10	58	♀ ☉ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
3	29 26 10	39 25	41 26	31 11	36	☉ Δ ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
4	29 25 10	51 25	47 27	44 12	23	♀ * ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
5	29 24 11	3 25	52 28	58 13	19	♀ * ♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
6	29 23 11	15 25	56 0	11 14	21	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
7	29 22 11	27 25	59 1	24 15	28	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
8	29 21 11	39 26	2 2	37 16	40	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
9	29 21 11	51 26	4 3	51 17	57	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
0	29 21 12	3 26	5 5	4 19	17	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
1	29 21 12	15 26	B 5	6 17	20	41	♄	♅	♆	♇	♈	♉	♊	♋	♌

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'	
1	16	10	0 8	2	22 S 31	1 S 46	13 S 22	0 N 24	21 S 55
4	16	10	0	2	22 33	1 46	13 22	0 24	22 0
7	16	11	0	2	22 34	1 45	13 21	0 23	22 6
10	16	12	0	2	22 35	1 45	13 20	0 23	22 11
13	16	12	0	2	22 36	1 45	13 19	0 22	22 15
16	16	13	0	2	22 37	1 45	13 17	0 22	22 20
19	16	14	0	2	22 38	1 44	13 15	0 22	22 24
22	16	14	0	2	22 39	1 44	13 13	0 22	22 28
25	16	15	0	2	22 40	1 43	13 10	0 21	22 33
28	16	15	0	2	22 42	1 43	13 7	0 21	22 37

D	D	Sidereal			☉			☉			☽			☽			♃						
M	W	Time.			Long.			Declin.			Long.			Lat.			Declin.			Long.			
		H. M. S.			° ' "			° ' "			° ' "			° ' "			° ' "						
1	S	14	41	36	8	m	43	21	14	8	25	29	53	7	5	N	2	25	N	11	13	1	50
2	S	14	45	33	9		43	30	14	45	12	20	20	5	16	22	10	13	53				
3	M	14	49	30	10		43	41	15	42	25	27	5	15	17	59	13	57					
4	Tu	14	53	26	11		43	54	15	22	9	m	1	4	57	12	47	14	0				
5	W	14	57	23	12		44	9	15	40	23	1	4	21	6	46	14	3					
6	Th	15	1	19	13		44	27	15	59	7	28	3	27	0	12	14	7					
7	F	15	5	16	14		44	46	16	17	22	8	2	18	6	S	33	14	10				
8	S	15	9	12	15		45	7	16	34	7	m	23	0	59	13	4	14	13				
9	S	15	13	9	16		45	31	16	52	22	37	0	8	26	18	51	14	16				
10	M	15	17	5	17		45	56	17	9	7	1	47	1	48	23	25	14	19				
11	Tu	15	21	2	18		46	22	17	26	22	47	3	2	26	18	14	23					
12	W	15	24	59	19		46	50	17	42	7	w	27	4	2	27	17	14	26				
13	Th	15	28	55	20		47	19	17	58	21	42	4	4	45	26	24	14	30				
14	F	15	32	52	21		47	50	18	14	5	m	31	5	11	23	55	14	33				
15	S	15	36	48	22		48	22	18	30	18	54	5	18	20	13	14	37					
16	S	15	40	44	23		48	55	18	45	1	x	53	5	9	15	37	14	40				
17	M	15	44	41	24		49	29	19	0	14	31	4	45	10	29	14	43					
18	Tu	15	48	38	25		50	5	19	14	26	52	4	8	5	2	14	46					
19	W	15	52	34	26		50	42	19	28	9	r	0	3	20	0	N	30	14	50			
20	Th	15	56	31	27		51	20	19	42	20	57	2	25	5	57	14	54					
21	F	16	0	28	28		51	59	19	56	2	49	1	24	11	10	14	58					
22	S	16	4	24	29		52	40	20	9	14	38	0	19	15	56	15	1					
23	S	16	8	21	0	f	53	22	20	21	26	26	0	N	46	20	8	15	4				
24	M	16	12	17	1		54	5	20	34	8	11	1	49	23	30	15	8					
25	Tu	16	16	14	2		54	50	20	46	20	7	2	49	25	54	15	11					
26	W	16	20	10	3		55	36	20	57	2	5	3	40	27	7	15	15					
27	Th	16	24	7	4		56	23	21	9	14	12	4	23	27	4	15	19					
28	F	16	28	3	5		57	12	21	19	26	28	4	54	25	41	15	22					
29	S	16	32	0	6		58	3	21	30	8	5	5	12	23	3	15	26					
30	S	16	35	57	7		58	55	21	40	21	41	5	15	19	15	15	30					

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 40	24 N 4	1 N 40	18 28	2 N 5	6 S 41	18 19
4	0 48	24 13	1 42	2 53	1 54	8 30	18 9
7	0 57	24 21	1 43	4 18	1 40	10 23	18 0
10	1 6	24 28	1 43	5 43	1 23	12 16	17 50
13	1 15	24 36	1 43	7 6	1 3	14 7	17 41
16	1 24	24 43	1 42	8 30	0 43	15 52	17 31
19	1 33	24 51	1 41	9 50	0 23	17 32	17 22
22	1 42	24 56	1 39	11 9	0 2	19 4	17 12
25	1 51	25 2	1 36	12 26	0 S 18	20 28	17 3
28	2 0	25 6	1 33	13 40	0 37	21 43	16 53

D M	h	♄	♂	♀	♅	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌	♍	♎
	° /	° /	° /	° /	° /									
1	29 ^m 21	12 ^f 28	26 ^π 4	7 ^Δ 31	22 ^Δ 7									
2	29 21	12 40	26 ^π 2	8 44	23 34		☐	Δ		Δ		*	*	
3	29 21	12 53	25 59	9 58	25 5				♂		*	*		
4	29 21	13 5	25 55	11 12	26 38	♂ Δ ♂	*	☐		☐				
5	29 21	13 18	25 51	12 26	28 11	♂ Δ ♀					☐			
6	29 22	13 30	25 46	13 40	29 45	♀ * ♄		*		*		♂		
7	29 22	13 43	25 40	14 54	1 ^m 19			*		Δ		Δ		♂
8	29 22	13 56	25 33	16 8	2 54					☐				♂
9	29 22	14 9	25 25	17 22	4 30		♂				♂			
10	29 23	14 22	25 16	18 36	6 6	♄ ♂ ♄	♂	♂						
11	29 23	14 35	25 7	19 51	7 42				*			♂	*	
12	29 25	14 48	24 57	21 5	9 18								*	
13	29 26	15 1	24 46	22 20	10 55		*						☐	
14	29 27	15 14	24 34	23 34	12 31									
15	29 28	15 27	24 21	24 48	14 7	♀ Δ ♂	☐	*		*	Δ		☐	
16	29 30	15 40	24 7	26 3	15 43				♂			Δ		
17	29 31	15 53	23 52	27 17	17 19			☐		☐			Δ	
18	29 32	16 6	23 37	28 31	18 55		Δ				☐			
19	29 34	16 19	23 21	29 46	20 31	♀ Δ ♄		Δ		Δ	*			
20	29 36	16 32	23 4	1 ^m 0	22 7			Δ		Δ	*			
21	29 38	16 45	22 46	2 15	23 42				*				♂	
22	29 40	16 59	22 28	3 29	25 17	☉ ☐ ♄								♂
23	29 42	17 12	22 9	4 44	26 52		♂			☐				♂
24	29 44	17 25	21 50	5 59	28 27						♂	♂		
25	29 46	17 39	21 30	7 14	0 ^f 1	♂ ☐ ♄		♂			♂	♂		
26	29 49	17 52	21 9	8 28	1 36					Δ				
27	29 51	18 6	20 48	9 43	3 11								Δ	
28	29 54	18 19	20 26	10 58	4 45									Δ
29	29 56	18 33	20 4	12 13	6 20		Δ					☐		
30	29 59	18 46	19 42	13 28	7 54	☉ ♂ ♂		Δ			Δ	*		

DECEMBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	08 2	22 34 3	18 42	13 8 4	0 N 20	22 34 0
4	16	15	0 2	22 44	1 42	13 1	0 20	22 43
7	16	16	0 2	22 46	1 42	12 57	0 20	22 47
10	16	16	0 2	22 47	1 42	12 53	0 20	22 50
13	16	16	0 2	22 48	1 41	12 48	0 19	22 53
16	16	16	0 2	22 49	1 41	12 43	0 19	22 56
19	16	17	0 2	22 50	1 41	12 39	0 19	22 58
22	16	17	0 2	22 51	1 41	12 34	0 19	23 0
25	16	17	0 2	22 51	1 40	12 28	0 18	23 3
28	16	17	0 2	22 51	1 40	12 23	0 18	23 4
31	16	17	0 2	22 50	1 40	12 17	0 18	23 5

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	M	16 39 53	8 59 48	21 54 9	4 44	5 N 2	14 N 28	15 34
2	Tu	16 43 50	10 0 43	21 59 18	8 4	33 8	53 15	37
3	W	16 47 46	11 1 39	22 7 1	54	3 47	2 43	15 41
4	Th	16 51 43	12 2 37	22 16 16	5 2	46 38	47 15	45
5	F	16 55 39	13 3 36	22 23 0	39	1 33	10 15	15 49
6	S	16 59 36	14 4 36	22 31 15	32	0 13	16 8	15 52
7	S	17 3 32	15 5 38	22 38 0	37	18 10	21 26	15 56
8	M	17 7 29	16 6 40	22 44 15	47	2 28	25 9	16 0
9	Tu	17 11 26	17 7 44	22 50 0	52	3 34	27 2	16 3
10	W	17 15 22	18 8 48	22 56 15	43	4 26	26 56	16 7
11	Th	17 19 19	19 9 52	22 1 0	11	4 59	25 0	16 11
12	F	17 23 15	20 10 57	22 6 14	12	5 12	21 34	16 15
13	S	17 27 12	21 12 3	22 10 27	44	5 8	17 5	16 18
14	S	17 31 8	22 13 9	22 14 10	49	4 47	11 57	16 21
15	M	17 35 5	23 14 15	22 18 23	29	4 13	6 28	16 25
16	Tu	17 39 1	24 15 22	22 20 5	49	3 28	0 52	16 29
17	W	17 42 58	25 16 28	22 23 17	53	2 35	4 N 38	16 32
18	Th	17 46 55	26 17 35	22 25 29	46	1 35	9 55	16 36
19	F	17 50 51	27 18 44	22 26 11	34	0 32	14 48	16 40
20	S	17 54 48	28 19 51	22 27 23	21	0 N 32	19 9	16 43
21	S	17 58 44	29 20 59	22 28 5	10	1 34	22 44	16 47
22	M	18 2 41	0 22 7	22 28 17	4	2 33	25 23	16 51
23	Tu	18 6 37	1 23 16	22 27 29	5	3 26	26 54	16 55
24	W	18 10 34	2 24 25	22 27 11	16	4 10	27 8	16 58
25	Th	18 14 31	3 25 34	22 25 23	36	4 42	26 2	17 1
26	F	18 18 28	4 26 44	22 23 6	7	5 23	38 17	5
27	S	18 22 25	5 27 54	22 21 18	49	5 7	20 3	17 8
28	S	18 26 22	6 29 4	22 18 1	44	4 57	15 29	17 13
29	M	18 30 19	7 30 14	22 15 14	53	4 21	10 7	17 15
30	Tu	18 34 16	8 31 25	22 11 28	15	3 50	4 12	17 19
31	W	18 38 13	9 32 37	22 7 11	55	2 55	28 2	17 23

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 7	25 N 9	1 N 29	14 S 50	0 S 56	22 S 49	16 43
4	2 15	25 10	1 25	15 56	1 13	23 44	16 33
7	2 23	25 11	1 19	17 3	1 29	24 28	16 24
10	2 28	25 10	1 14	18 1	1 42	25 1	16 14
13	2 34	25 8	1 8	19 0	1 54	25 21	16 5
16	2 39	25 5	1 1	19 50	2 3	25 29	15 55
19	2 43	25 2	0 55	20 38	2 9	25 23	15 46
22	2 47	24 59	0 48	21 15	2 12	25 3	15 36
25	2 50	24 54	0 41	21 56	2 10	24 30	15 27
28	2 53	24 49	0 34	22 24	2 4	23 42	15 17
31	2 56	24 40	0 26	22 44	1 51	22 42	15 8

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	☉		☿	♈	♉	♊	♋	
	° /	° /	° /	° /	° /	° /							
1	0 × 2	19 ♀	0 19 ♀	20 14 ♀	43 9 ♀	28 3		☐		♂			☐
2	0 5	19 13	18 18	15 57	15 58	11 3	♂ ♂ ♀	☐		☐		*	
3	0 8	19 27	18 34	17 18	12 37	11 3		*	*		*	Δ	*
4	0 11	19 40	18 10	18 28	14 11	11 3	♀ ♂ ☿	*	*	Δ			*
5	0 14	19 54	17 47	19 43	15 46	11 3	♂ ♂ ☿			Δ			
6	0 17	20 8	17 24	20 58	17 20	11 3	♂ ♂ ♂						♂
7	0 21	20 22	17 12	18 13	18 54	11 3	☉ ♂ ♂	♂	♂	☐		♂	♂
8	0 24	20 35	16 38	23 28	20 29	11 3	☉ ♂ ☿	♂	♂	*		♂	♂
9	0 28	20 49	16 15	24 43	22 3	11 3	♂ ♂ ☿			*			
10	0 31	21 3	15 52	25 58	23 37	11 3	♂ ♂ ♀						
11	0 35	21 16	15 29	27 13	25 12	11 3						*	
12	0 39	21 30	15 6	28 28	26 46	11 3		*	*			Δ	*
13	0 43	21 44	14 44	29 44	28 21	11 3	♀ ☐ ♀			♂	*		☐
14	0 47	21 58	14 23	0 ♀	59 29	11 3	☉ ♂ ♀	☐				☐	*
15	0 51	22 11	14 2	2 14	1 31	11 3	♂ * ♀	☐			☐		
16	0 56	22 25	13 41	3 29	3 6	11 3							Δ
17	1 0	22 39	13 20	4 44	4 41	11 3			Δ	*		*	☐
18	1 4	22 52	12 59	5 59	6 16	11 3		Δ		*			
19	1 9	23 6	12 39	7 15	7 51	11 3							Δ
20	1 13	23 20	12 20	8 30	9 26	11 3							
21	1 18	23 33	12 2	9 45	11 1	11 3				☐		♂	
22	1 22	23 47	11 44	11 0	12 36	11 3	♀ ♂ ♂		♂			♂	
23	1 27	24 1	11 27	12 15	14 11	11 3	☉ * ♀	♂		Δ	♂		
24	1 32	24 14	11 10	13 30	15 46	11 3							
25	1 37	24 28	10 54	14 46	17 20	11 3							♂
26	1 42	24 41	10 39	16 1	18 54	11 3	♀ ♂ ☿				*		
27	1 47	24 55	10 25	17 16	20 27	11 3	♂ ♂ ☿		Δ		Δ		Δ
28	1 52	25 8	10 11	18 33	22 0	11 3		Δ		♂			
29	1 57	25 22	9 58	19 46	23 32	11 3			☐			☐	
30	2 2	25 35	9 46	21 1	25 2	11 3							Δ
31	2 7	25 49	9 35	22 17	26 31	11 3		☐	*			Δ	

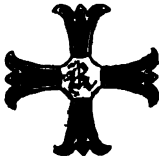




RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1818.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

(Alm.) 934 x .162



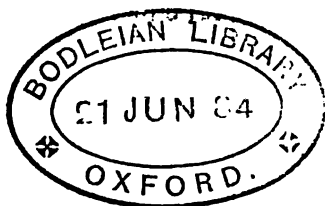
RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANET'S PLACES

For 1818.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.
1888.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 8	22 50	1 39	12 14	0 N 17	23 8
4	16	15	0 2	22 51	1 39	12 8	0 17	23 8
7	16	16	0 2	22 52	1 39	12 2	0 17	23 9
10	16	16	0 2	22 53	1 39	11 56	0 17	23 10
13	16	17	0 3	22 53	1 39	11 49	0 17	23 11
16	16	17	0 3	22 54	1 39	11 42	0 17	23 12
19	16	17	0 3	22 54	1 38	11 35	0 16	23 12
22	16	18	0 3	22 55	1 38	11 28	0 16	23 12
25	16	18	0 3	22 55	1 38	11 20	0 16	23 12
28	16	18	0 3	22 56	1 38	11 12	0 16	23 11
31	16	18	0 3	22 57	1 38	11 4	0 16	23 11

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	18 42 10	10 w 33 49	23 S 3 25	4 51	2 N 49	8 S 19	17 7 26
2	F	18 46 6	11 35 0	22 58	10 m 5	0 35	14 19	17 29
3	S	18 50 3	12 36 13	22 52	24 35	0 34	19 38	17 32
4	S	18 53 59	13 37 25	22 46	9 19	1 59	23 50	17 36
5	M	18 57 56	14 38 38	22 40	24 10	3 7	26 27	17 39
6	Tu	19 1 53	15 39 50	22 33	9 w 1	4 3	27 12	17 42
7	W	19 5 49	16 41 2	22 25	23 44	4 41	26 0	17 46
8	Th	19 9 46	17 42 14	22 18	8 m 10	5 1	23 6	17 49
9	F	19 13 42	18 43 25	22 9	22 14	5 2	18 52	17 52
10	S	19 17 39	19 44 36	22 1	5 x 51	4 46	13 48	17 55
11	S	19 21 35	20 45 47	21 52	19 1	4 14	8 15	17 59
12	M	19 25 32	21 46 56	21 42	1 r 46	3 31	2 31	18 3
13	Tu	19 29 28	22 48 5	21 32	14 9	2 39	3 N 9	18 6
14	W	19 33 25	23 49 13	21 22	26 14	1 40	8 34	18 10
15	Th	19 37 22	24 50 20	21 11	8 8	0 39	18 37	18 13
16	F	19 41 18	25 51 26	21 0	19 56	0 N 24	18 8	18 16
17	S	19 45 14	26 52 31	20 48	1 43	1 26	21 56	18 19
18	S	19 49 11	27 53 34	20 36	13 34	2 24	24 50	18 22
19	M	19 53 8	28 54 38	20 24	25 33	3 16	26 39	18 25
20	Tu	19 57 4	29 55 41	20 11	7 43	4 0	27 14	18 28
21	W	20 1 1	0 m 56	42 19	58 20	7 4	33 28	18 30
22	Th	20 4 58	1 57 43	19 45	2 44	4 54	24 20	18 33
23	F	20 8 54	2 58 43	19 31	15 35	5 0	20 58	18 35
24	S	20 12 51	3 59 42	19 17	28 38	4 51	16 30	18 37
25	S	20 16 47	5 0 40	19 2	1 m 54	4 26	11 12	18 40
26	M	20 20 44	6 1 38	18 47	25 19	3 46	5 19	18 42
27	Tu	20 24 40	7 2 34	18 32	8 54	2 53	0 S 53	18 45
28	W	20 28 37	8 3 30	18 16	22 39	1 49	7 8	18 48
29	Th	20 32 33	9 4 25	18 0	6 m 32	0 38	13 7	18 51
30	F	20 36 30	10 5 20	17 44	20 35	0 S 36	18 30	18 54
31	S	20 40 27	11 6 14	17 28	4 47	1 49	22 54	18 57

JANUARY XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	Node.
° /	° /	° /	° /	° /	° /	° /
2 N54	24 N45	0 N24	22 S 55	1 S 46	22 S 19	15 8 5
2 54	24 42	0 16	23 10	1 24	21 4	14 56
2 55	24 39	0 8	23 19	0 53	19 43	14 46
2 55	24 37	0 0	23 22	0 13	18 21	14 37
2 54	24 36	0 S 6	23 18	0 N35	17 20	14 27
2 53	24 36	0 13	23 4	1 30	16 18	14 18
2 52	24 36	0 21	22 50	2 24	15 53	14 8
2 50	24 37	0 28	22 26	3 7	15 58	13 59
2 49	24 38	0 35	21 58	3 33	16 23	13 49
2 47	24 40	0 41	21 22	3 35	17 4	13 40
2 46	24 44	0 48	20 41	3 18	17 48	13 30

h	μ	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♊	♋	♌	♍
° /	° /	° /	° /	° /								
2 x 12	26 f 2	9 π 25	23 f 33	27 v 58				Δ	*		*	□
2 17	26 16	9 R 15	24 48	29 24		*			*			
2 23	26 29	9 6	26 4	0 m 47	♀ ☉ μ							*
2 29	26 43	8 58	27 19	2 7			☐			♂		
2 35	26 56	8 51	28 35	3 24		☉		☉		☉		
2 41	27 10	8 45	29 50	4 36		☉		*				
2 47	27 23	8 40	1 v 5	5 43								
2 53	27 37	8 35	2 21	6 45	♀ * h					Δ		☉
2 59	27 50	8 31	3 36	7 41		*						
3 5	28 3	8 28	4 52	8 30	♂ Δ ♂		☉	*	☐	*		
3 11	28 16	8 26	6 7	9 11		*	☐					
3 17	28 29	8 25	7 22	9 43					☐		☐	
3 23	28 42	8 24	8 37	10 5			Δ			*		*
3 29	28 56	8 D 24	9 53	10 R 16		☐			Δ			
3 35	29 8	8 25	11 8	10 16				*			Δ	☐
3 41	29 21	8 27	12 24	10 6								
3 47	29 34	8 30	13 39	9 44		Δ		☐				
3 54	29 47	8 33	14 54	9 10			♂			☉		Δ
4 1	0 v 0	8 36	16 9	8 23	♂ Δ ♂				♂			
4 7	0 13	8 40	17 25	7 27				Δ				
4 14	0 26	8 45	18 40	6 24							♂	
4 20	0 39	8 51	19 56	5 15		♂				*		♂
4 27	0 52	8 58	21 11	4 2			Δ					
4 33	1 5	9 6	22 26	2 46	☉ ☉ ♀			♂	Δ			.
4 40	1 17	9 14	23 41	1 29			☐			☐		
4 46	1 30	9 23	24 57	0 15						☐	Δ	Δ
4 53	1 42	9 32	26 12	29 v 6		Δ				Δ		
5 0	1 55	9 42	27 28	28 3			*				☐	☐
5 6	2 7	9 52	28 43	27 6			☐		Δ	*		
5 13	2 19	10 3	29 53	26 18	☉ Δ ♂							*
5 20	2 31	10 15	1 m 13	25 40				☐		♂	*	

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	0 8	22 58	1 38	11 8	0 N 15	23 11
4	16	15	0 8	22 58	1 38	10 55	0 15	23 11
7	16	14	0 8	22 58	1 38	10 47	0 15	23 10
10	16	14	0 8	22 59	1 38	10 39	0 15	23 9
13	16	13	0 8	23 0	1 38	10 31	0 14	23 8
16	16	12	0 8	23 2	1 38	10 23	0 14	23 7
19	16	11	0 8	23 4	1 38	10 15	0 14	23 5
22	16	11	0 8	23 6	1 38	10 7	0 14	23 4
25	16	10	0 8	23 7	1 38	9 59	0 14	23 3
28	16	10	0 8	23 8	1 38	9 51	0 14	23 1

D M	D W	Sidereal Time.	☉		☉	☽	☽	☽	♃
			Long.	Declin.		Long.	Lat.	Declin.	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	20 44 23	12 ^m 7	7 17 8 11	19 ^f 6	2 8 55	25 8 56	19 ^f 0	
2	M	20 48 20	13 7 59	16 54	3 ^w 30	3 51 27	16 19	2	
3	Tu	20 52 16	14 8 50	16 36	17 55	4 31 26	45 19	5	
4	W	20 56 13	15 9 40	16 18	2 ^m 14	4 55 24	28 19	6	
5	Th	21 0 9	16 10 29	16 0	16 22	5 0 20	43 19	10	
6	F	21 4 6	17 11 16	15 42	0 ^x 13	4 47 15	53 19	13	
7	S	21 8 2	18 12 2	15 23	13 44	4 18 10	22 19	15	
8	S	21 11 59	19 12 47	15 5 26	51 3	36 4	83 19	17	
9	M	21 15 55	20 13 30	14 46	9 ^r 35	2 44	1 N 17	19	19
10	Tu	21 19 52	21 14 11	14 26	21 59	1 45	6 56	19	21
11	W	21 23 49	22 14 51	14 7	4 ^x 6	0 43	12 13	19	23
12	Th	21 27 45	23 15 29	13 47	16 2	0 N 20	16 58	19	25
13	F	21 31 42	24 16 5	13 27	27 51	1 22	21 2	19	27
14	S	21 35 38	25 16 39	13 7	9 ⁿ 39	2 20	24 14	19	29
15	S	21 39 35	26 17 11	12 46	21 32	3 12	26 23	19	31
16	M	21 43 31	27 17 42	12 25	3 ^u 34	3 57	27 21	19	33
17	Tu	21 47 28	28 18 11	12 5	15 50	4 31	27 1	19	34
18	W	21 51 24	29 18 37	11 44	28 22	4 54	25 18	19	36
19	Th	21 55 21	0 ^x 19	11 22	11 12	5 22	16 19	38	
20	F	21 59 18	1 19 25	11 1	24 22	4 54	18 2	19	40
21	S	22 3 14	2 19 47	10 89	7 ^m 48	4 30	12 50	19	42
22	S	22 7 11	3 20 7	10 18	21 28	3 51	6 55	19	43
23	M	22 11 7	4 20 25	9 56	5 ^u 19	2 57	0 35	19	45
24	Tu	22 15 4	5 20 42	9 34	19 18	1 52	5 50	19	46
25	W	22 19 0	6 20 56	9 12	3 ^m 21	0 40	12 2	19	48
26	Th	22 22 57	7 21 10	8 49	17 37	0 8 35	17 37	19	50
27	F	22 26 53	8 21 22	8 27	1 ^f 33	1 48	23 16	19	51
28	S	22 30 50	9 21 33	8 4	15 40	2 55	25 35	19	52

FEBRUARY XXVIII DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
2 N 45	24 N 45	0 8 50	20 8 26	3 N 11	18 8 0	18 8 26
2 43	24 49	0 57	19 37	2 41	18 36	13 16
2 41	24 53	1 1	18 44	2 6	19 3	18 7
2 39	24 57	1 6	17 44	1 29	19 24	12 57
2 37	25 2	1 10	16 43	0 56	19 31	12 48
2 34	25 7	1 13	15 35	0 23	19 29	12 38
2 33	25 12	1 17	14 26	0 8 7	19 17	12 29
2 30	25 17	1 20	13 10	0 34	18 52	12 19
2 28	25 21	1 22	11 53	0 59	18 16	12 10
2 26	25 25	1 24	10 32	1 20	17 29	12 0

h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
° /	° /	° /	° /	° /	° /								
5 27	2 43	10 27	2 28	25 8			♈						
5 34	2 55	10 40	3 44	24 11				*	♈				
5 41	3 7	10 53	4 59	24 27									♈
5 48	3 19	11 7	6 14	24 25			♈	*			♈		
5 55	3 31	11 21	7 29	24 29			♈	*			♈		
6 2	3 43	11 35	8 44	24 37					♈	*			
6 10	3 54	11 50	9 59	24 49				☐			☐		*
6 17	4 6	12 5	11 15	25 8	☉ * ♈								*
6 24	4 17	12 21	12 30	25 35	♀ Δ ♈					☐	*	*	
6 31	4 29	12 37	13 45	26 9			*	Δ					☐
6 38	4 40	12 54	15 0	26 47					*	Δ			
6 45	4 51	13 12	16 15	27 28									☐
6 52	5 2	13 31	17 30	28 13			☐						Δ
6 59	5 13	13 50	18 45	29 2	♀ * ♈				☐		♈		
7 6	5 24	14 9	20 0	29 54			Δ	♈				Δ	
7 14	5 35	14 28	21 15	0 50						♈			
7 20	5 46	14 47	22 30	1 49									♈
7 28	5 57	15 7	23 45	2 50									
7 36	6 7	15 27	25 0	3 53							*		
7 43	6 18	15 48	26 15	4 59				Δ				♈	
7 50	6 28	16 9	27 30	6 7			♈		♈	Δ			
7 58	6 39	16 20	28 45	7 17				☐			☐		
8 5	6 49	16 52	0 0	8 29						☐			Δ
8 12	6 59	17 14	1 15	9 43				*			Δ		
8 20	7 9	17 36	2 30	10 59			Δ		Δ	*		Δ	
8 27	7 19	17 59	3 45	12 17	☉ * ♈								☐
8 34	7 29	18 22	5 0	13 36	☉ ♂ ♈							☐	
8 41	7 39	18 45	6 15	14 56			☐	♈			♈		*

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	08 3	23 8 8	18 39	98 48	0 N 13	23 8 1
4	16	9	0 3	23 9	1 39	9 40	0 13	23 0
7	16	8	0 3	23 9	1 39	9 32	0 13	22 58
10	16	8	0 3	23 9	1 39	9 24	0 13	22 56
13	16	7	0 3	23 9	1 39	9 15	0 12	22 55
16	16	6	0 3	23 9	1 39	9 7	0 12	22 54
19	16	5	0 3	23 9	1 40	8 59	0 12	22 52
22	16	4	0 3	23 9	1 40	8 51	0 12	22 50
25	16	3	0 3	23 9	1 41	8 44	0 12	22 49
28	16	3	0 3	23 10	1 41	8 36	0 12	22 48
31	16	2	0 3	23 10	1 41	8 28	0 12	22 46

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	22 34 47	10 × 21 42	7 8 41	29 † 45	3 8 51	27 8 18	19 † 54
2	M	22 38 43	11 21 50	7 19 13	47 47	4 32 27	15 19 55	19 55
3	Tu	22 42 40	12 21 56	6 56 27	45 4	58 25	29 19 56	19 56
4	W	22 47 36	13 22 0	6 38 11	36 5	52 12	19 57	19 57
5	Th	22 50 33	14 22 3	6 10 25	17 4	55 17	43 19 58	19 58
6	F	22 54 29	15 22 4	5 46 8	44 4	28 12	26 19 59	19 59
7	S	22 58 26	16 22 3	5 23 21	56 3	47 6	42 20 0	20 0
8	S	23 2 22	17 22 0	5 0 4	49 2	56 0	47 20 1	20 1
9	M	23 6 19	18 21 55	4 36 17	26 1	57 5	N 3 20 2	20 2
10	Tu	23 10 16	19 21 48	4 13 29	45 0	54 10	34 20 3	20 3
11	W	23 14 12	20 21 39	3 49 11	51 0	N 11 15	35 20 4	20 4
12	Th	23 18 9	21 21 27	3 26 23	46 1	15 19	57 20 5	20 5
13	F	23 22 5	22 21 14	3 2 5	36 2	15 23	29 20 6	20 6
14	S	23 26 2	23 20 58	2 39 17	25 3	9 26	1 20 7	20 7
15	S	23 29 58	24 20 39	2 15 29	18 3	56 27	24 20 8	20 8
16	M	23 33 55	25 20 19	1 51 11	20 4	33 27	30 20 8	20 8
17	Tu	23 37 51	26 19 56	1 28 23	37 4	58 26	17 20 9	20 9
18	W	23 41 48	27 19 30	1 4 6	13 5	9 23	43 20 9	20 9
19	Th	23 45 45	28 19 3	0 40 19	10 5	5 19	55 20 9	20 9
20	F	23 49 41	29 18 33	0 16 2	22 4	45 15	2 20 9	20 9
21	S	23 53 38	0 † 18 1	0 N 7	16 10	4 8	9 16 20 9	20 9
22	S	23 57 34	1 17 27	0 31 0	11 3	16 2	55 20 10	20 10
23	M	0 1 31	2 16 51	0 54 14	27 2	10 3	S 42 20 10	20 10
24	Tu	0 5 27	3 16 12	1 18 28	52 0	56 10	13 20 10	20 10
25	W	0 9 24	4 15 32	1 42 13	22 0	S 23 16	14 20 10	20 10
26	Th	0 13 20	5 14 50	2 5 27	51 1	41 21	20 20 10	20 10
27	F	0 17 17	6 14 6	2 29 12	† 15 2	51 25	7 20 10	20 10
28	S	0 21 13	7 13 21	2 52 26	30 3	51 27	16 20 9	20 9
29	S	0 25 10	8 12 34	3 16 10	35 4	35 27	37 20 9	20 9
30	M	0 29 7	9 11 45	3 39 24	29 5	3 26	12 20 9	20 9
31	Tu	0 33 3	10 10 55	4 2 8	10 5	13 23	17 20 9	20 9

MARCH XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
2 N 25	25 N 26	1 S 25	10 S 4	1 S 26	17 S 20	11 8 58
2 23	25 29	1 26	8 39	1 43	16 17	11 48
2 21	25 33	1 26	7 14	1 57	15 3	11 38
2 19	25 35	1 26	5 44	2 7	13 37	11 29
2 17	25 37	1 25	4 17	2 13	11 59	11 19
2 15	25 38	1 24	2 46	2 15	10 10	11 10
2 13	25 39	1 22	1 17	2 12	8 8	11 0
2 11	25 38	1 20	0 N 14	2 7	5 59	10 51
2 9	25 37	1 17	1 46	1 57	3 38	10 41
2 7	25 34	1 14	3 50	1 42	1 7	10 32
2 5	25 30	1 10	5 17	1 22	1 N 32	10 22

h	♄	♂	♀	♂	Mutual	Lunar Aspects.					
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	♁	♂	♂	♀	♀
° /	° /	° /	° /	° /							
8 x 49	7 w 48	19 11 8	7 x 30	16 m 18	♀ * ♄						
8 56	7 58	19 32	8 45	17 41	♀ ☉ h	*		*	☉		*
9 3	8 7	19 57	10 0	19 6	♀ * ♁						
9 11	8 16	20 21	11 15	20 32	♀ Δ ♂						
9 18	8 25	20 46	12 30	21 59	♂ ♂ ♁		*			Δ	♂
9 25	8 34	21 10	13 45	23 27				♂	*		♂
9 33	8 43	21 35	15 0	24 57		♂	□			□	
9 40	8 52	22 0	16 15	26 28					□		
9 47	9 0	22 26	17 30	28 0			Δ			*	
9 55	9 9	22 52	18 45	29 34							*
10 2	9 17	23 15	20 0	1 x 9	☉ □ ♁			*	Δ		
10 9	9 26	23 44	21 15	2 45	♀ □ ♁	*		*			*
10 17	9 34	24 10	22 29	4 21	☉ ☉ ♀				□		□
10 24	9 42	24 37	23 44	5 59			♂				
10 31	9 50	25 4	24 59	7 38	♀ □ ♂	□				♂	□
10 38	9 57	25 31	26 13	9 19	☉ □ ♂			Δ	♂		Δ
10 45	10 5	25 58	27 28	11 1	♀ ☉ h	Δ					Δ
10 52	10 13	26 25	28 43	12 44	♀ * ♄						
11 0	10 20	26 53	29 57	14 28			Δ				
11 7	10 27	27 21	1 r 12	16 14						*	
11 14	10 34	27 49	2 26	18 1				□	♂	Δ	
11 21	10 41	28 17	3 41	19 49	♀ □ ♁	♂				□	♂
11 28	10 48	28 45	4 55	21 38		*			□		
11 35	10 55	29 13	6 10	23 29						Δ	
11 42	11 1	29 42	7 24	25 21				Δ	*		
11 49	11 7	0 11	8 39	27 15							Δ
11 56	11 12	0 40	9 53	29 10		Δ		□			Δ
12 3	11 18	1 9	11 8	1 r 6	♀ □ ♂		♂			♂	□
12 10	11 23	1 38	12 22	3 3	♀ □ ♄	□		*	♂		
12 17	11 29	2 7	13 37	5 1							□
12 24	11 34	2 37	14 51	7 1		*					*

APRIL XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	08 4	23 S 10	1 S 41	8 S 26	0 N 11	22 S 46
4	16	0	0 4	23 10	1 41	8 19	0 11	22 45
7	15	59	0 4	23 10	1 42	8 12	0 11	22 44
10	15	58	0 4	23 9	1 42	8 5	0 11	22 43
13	15	58	0 4	23 9	1 43	7 58	0 10	22 43
16	15	57	0 4	23 9	1 43	7 51	0 10	22 42
19	15	56	0 4	23 9	1 44	7 45	0 10	22 42
22	15	56	0 4	23 8	1 44	7 39	0 10	22 41
25	15	55	0 4	23 8	1 45	7 33	0 9	22 41
28	15	54	0 4	23 8	1 45	7 27	0 9	22 41

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin. ° ' "	♃ Long. ° ' "
1	W	0 37 0	11 10 3	4 N 25	21 39	5 S 6	19 S 7	20 1 8
2	Th	0 40 56	12 9 8	4 48	4 54	4 42	14 5	20 1 8
3	F	0 44 53	13 8 13	5 12	17 56	4 4	8 31	20 7
4	S	0 48 49	14 7 15	5 34	0 44	3 14	2 40	20 7
5	S	0 52 46	15 6 15	5 57	13 19	2 16	3 N 11	20 6
6	M	0 56 42	16 5 13	6 20	25 41	1 11	8 50	20 6
7	Tu	1 0 39	17 4 10	6 43	7 51	0 5	14 4	20 5
8	W	1 4 36	18 3 4	7 5	19 52	1 N 1	18 42	20 4
9	Th	1 8 32	19 1 56	7 28	1 45	2 4	22 33	20 4
10	F	1 12 29	20 0 46	7 50	13 34	3 1	25 26	20 3
11	S	1 16 25	20 59 34	8 12	25 23	3 50	27 13	20 2
12	S	1 20 22	21 58 19	8 34	7 15	4 30	27 46	20 1
13	M	1 24 18	22 57 1	8 56	19 17	4 58	27 0	20 0
14	Tu	1 28 15	23 55 42	9 18	1 33	5 14	24 56	19 59
15	W	1 32 11	24 54 21	9 39	14 6	5 15	21 38	19 58
16	Th	1 36 8	25 52 57	10 1	27 1	5 1	17 14	19 57
17	F	1 40 5	26 51 31	10 22	10 21	4 30	11 52	19 56
18	S	1 44 1	27 50 3	10 43	24 6	3 43	5 45	19 55
19	S	1 47 58	28 48 33	11 4	8 16	2 41	0 S 43	19 54
20	M	1 51 54	29 47 0	11 24	22 47	1 27	7 31	19 52
21	Tu	1 55 51	0 45 26	11 45	7 33	0 7	13 56	19 51
22	W	1 59 47	1 43 50	12 5	22 27	1 S 15	19 37	19 49
23	Th	2 3 44	2 42 12	12 25	7 22	2 32	24 4	19 48
24	F	2 7 40	3 40 33	12 45	22 10	3 38	26 52	19 46
25	S	2 11 37	4 38 52	13 5	6 44	4 29	27 47	19 45
26	S	2 15 33	5 37 10	13 25	21 0	5 2	26 48	19 43
27	M	2 19 29	6 35 26	13 44	4 57	5 17	24 10	19 42
28	Tu	2 23 25	7 33 41	14 3	18 34	5 13	20 14	19 40
29	W	2 27 21	8 31 54	14 22	1 51	4 52	15 22	19 39
30	Th	2 31 17	9 30 6	14 40	14 50	4 17	9 55	19 37

APRIL XXX DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
2 N 4	25 N 30	1 S 8	5 N 18	1 S 15	2 N 26	10 19
2 2	25 25	1 3	6 46	0 49	5 14	10 9
2 0	25 20	0 59	8 15	0 20	8 4	10 0
1 58	25 13	0 54	9 40	0 N 13	10 52	9 50
1 56	25 5	0 47	11 5	0 46	13 32	9 41
1 54	24 55	0 41	12 26	1 18	15 58	9 31
1 53	24 46	0 34	13 46	1 48	18 8	9 22
1 51	24 33	0 27	15 1	2 12	19 55	9 12
1 49	24 23	0 21	16 15	2 29	21 20	9 3
1 47	24 8	0 14	17 23	2 39	22 21	8 53

h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.					
Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☽	☿	♈	♉	♊
° /	° /	° /	° /	° /	° /		°	°	°	°	°	°
12 30	11 40	3 5 7	16 1 6	9 1 0	♈ ☐ ♈			*				*
12 37	11 45	3 37 17	20 11 2	♈ ☐ ♈				*				
12 41	11 50	4 7 18	35 13 6	♈ ☐ ♈				☐	♈	*		Δ
12 50	11 55	4 38 19	49 15 11	♀ Δ ♈							☐	
12 57	12 0	5 8 21	3 17 16				♈				☐	♈
13 4 12	5 5 38	22 18 19	21 1 21	♈ Δ ♈				Δ				♈
13 10 12	10 6 9	23 32 21	26 1 26						*	Δ	*	
13 17 12	14 6 39	24 46 23	32 1 32									
13 23 12	18 7 10	26 1 25	37 1 37									
13 30 12	21 7 41	27 15 27	42 1 42	☉ Δ ♈					☐			
13 36 12	25 8 12	28 29 29	46 1 46	♀ ☐ ♈			*	♈				*
13 42 12	29 8 43	29 44 1 18	48 1 48							♈	♈	*
13 48 12	32 9 14	0 58 3	49 1 49				☐		Δ			☐
13 54 12	35 9 45	2 12 5	49 1 49								☐	☐
14 0 12	38 10 17	3 26 7	47 1 47					Δ				
14 6 12	40 10 48	4 41 9	43 1 43	♀ * ♈			Δ					
14 12 12	43 11 20	5 55 11	36 1 36	♀ Δ ♈					♈	Δ	*	Δ
14 18 12	46 11 51	7 9 13	26 1 26	♀ * ♈				☐				
14 24 12	48 12 23	8 23 15	12 1 12							☐	☐	
14 30 12	50 12 55	9 37 16	55 1 55	♈ ♈ ♈			*					
14 36 12	51 13 27	10 51 18	84 1 84				♈		Δ	*	Δ	♈
14 42 12	53 13 59	12 5 20	9 1 9	♀ Δ ♈								♈
14 48 12	54 14 31	13 19 21	40 1 40	♀ * ♈					☐			
14 54 12	56 15 3	14 33 23	7 1 7	♈ Δ ♈			♈					
14 59 12	57 15 36	15 46 24	29 1 29	♀ * ♈			Δ		♈			
15 5 12	58 16 8	17 0 25	47 1 47						*		♈	Δ
15 10 12	58 16 41	18 14 27	0 1 0				☐					
15 16 12	59 17 13	19 28 28	9 1 9					*			☐	
15 21 12	59 17 46	20 42 29	13 1 13									☐
15 26 12	0 18 18	21 56 0	12 1 12				*	☐	♈	*	Δ	

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	54	0 S	4 23 S	8 1 S	46 7 S	21 0 N	8 22 S
4	15	54	0	4 23	7 1	46 7	15 0	8 22
7	15	53	0	4 23	7 1	47 7	10 0	8 22
10	15	52	0	4 23	6 1	48 7	5 0	8 22
13	15	51	0	4 23	6 1	49 7	1 0	7 22
16	15	51	0	4 23	5 1	50 6	56 0	7 22
19	15	50	0	4 23	5 1	51 6	52 0	6 22
22	15	50	0	4 23	4 1	51 6	48 0	6 22
25	15	49	0	4 23	4 1	51 6	45 0	6 22
28	15	49	0	4 23	3 1	52 6	41 0	6 22
31	15	48	0	4 23	3 1	53 6	39 0	5 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	2 35 13	10 8 28	17 14 N	59 27	32 3 S	30 4 S	11 19
2	S	2 39 9	11 26 26	15 17 10	2 2 33	1 N	38 19	33 19
3	S	2 43 6	12 24 34	15 35 22	19 1 30	7 18	19 31	19
4	M	2 47 3	13 22 40	15 52 48	26 0 24	12 38	19 29	19
5	Tu	2 50 59	14 20 44	16 10 16	26 0 N	42 17	27 19	27
6	W	2 54 56	15 18 47	16 27 28	20 1 46	21 32	19 25	19
7	Th	2 58 52	16 16 48	16 44 10	10 2 45	24 43	19 23	19
8	F	3 2 49	17 14 48	17 0 21	59 3 37	26 50	19 21	19
9	S	3 6 45	18 12 45	17 16 35	48 4 20	27 45	19 20	19
10	S	3 10 42	19 10 41	17 32 15	43 4 52	27 22	19 18	19
11	M	3 14 38	20 8 55	17 48 27	45 5 11	25 43	19 17	19
12	Tu	3 18 35	21 6 28	18 3 9	59 5 17	22 50	19 15	19
13	W	3 22 32	22 4 19	18 18 22	30 5 8	18 52	19 13	19
14	Th	3 26 28	23 2 8	18 33 5	20 4 43	13 57	19 11	19
15	F	3 30 25	23 59 55	18 48 18	34 4 3	8 15	19 9	19
16	S	3 34 21	24 57 41	19 2 2	14 3 8	2 0	19 7	19
17	S	3 38 18	25 55 25	19 15 16	21 2 1	4 S	35 19	5
18	M	3 42 14	26 53 7	19 29 0	53 0 43	11 7	19 3	19
19	Tu	3 46 11	27 50 48	19 42 15	46 0 S	39 17	12 19	0
20	W	3 50 7	28 48 27	19 55 0	53 1 59	22 18	18 58	18
21	Th	3 54 4	29 46 5	20 8 16	6 3 12	25 55	18 55	18
22	F	3 58 1	0 43 42	20 20 1	13 4 10	27 38	18 52	18
23	S	4 1 57	1 41 18	20 31 16	7 4 51	27 18	18 50	18
24	S	4 5 54	2 38 53	20 43 0	39 5 12	25 6	18 47	18
25	M	4 9 50	3 36 27	20 54 14	47 5 13	21 24	18 45	18
26	Tu	4 13 47	4 34 0	21 5 28	28 4 56	16 38	18 42	18
27	W	4 17 43	5 31 33	21 15 11	43 4 23	11 14	18 40	18
28	Th	4 21 40	6 29 5	21 25 24	36 3 39	5 30	18 37	18
29	F	4 25 36	7 26 36	21 35 7	8 2 44	0 N	19 18	35
30	S	4 29 33	8 24 6	21 44 19	26 1 43	6 1	18 33	18
31	S	4 33 30	9 21 36	21 53 18	31 0 39	11 25	18 31	18

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	1 N 45	23 N 53	0 S 6	18 N 29	2 N 40	23 N 1	8 44
4	1 44	23 36	0 N 2	19 28	2 32	23 19	8 34
7	1 42	23 19	0 9	20 25	2 13	23 18	8 25
10	1 40	23 0	0 16	21 14	1 44	22 56	8 15
13	1 38	22 41	0 24	22 2	1 7	22 19	8 6
16	1 36	22 21	0 35	22 42	0 21	21 26	7 56
19	1 35	21 57	0 38	23 17	0 S 29	20 21	7 47
22	1 33	21 35	0 45	23 44	1 22	19 10	7 37
25	1 31	21 9	0 52	24 8	2 12	18 1	7 27
28	1 29	20 43	0 58	24 23	2 55	17 0	7 18
31	1 27	20 14	1 4	24 37	3 29	16 12	7 8

D M	h		♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
	° /	° /	° /	° /	° /		°	°	°	°	°	°	°
1	15 31	13 18	0 18	51 23	5 9	1 11	6				*	*	
2	15 36	13 13	0 19	24 24	23 1	58							
3	15 41	12 59	19 57	25 37	2 42			Δ					
4	15 46	12 58	20 30	26 50	3 18	☉ Δ ♀							
5	15 51	12 57	21 32	28 4	3 50		☉		*	Δ	*		
6	15 56	12 56	21 36	29 18	4 19							☉	
7	16 1	12 55	22 9	0 31	4 45	☉ * h			♂				☉
8	16 6	12 54	22 32	1 45	5 5				♂				
9	16 11	12 52	23 6	2 59	5 18								
10	16 15	12 50	23 39	4 12	5 25		*		Δ	♂			
11	16 20	12 48	24 13	5 26	5 28	♀ ☉ ♀					☉		
12	16 25	12 46	25 6	6 40	5 26							*	*
13	16 29	12 44	25 30	7 53	5 20			Δ					
14	16 34	12 42	26 5	9 7	5 10								
15	16 38	12 39	26 37	10 20	4 55		Δ		♂	Δ			
16	16 42	12 36	27 11	11 34	4 35						*		Δ
17	16 46	12 33	27 45	12 47	4 12			*				Δ	
18	16 50	12 30	28 19	14 1	3 46								
19	16 54	12 27	28 53	15 14	3 17				Δ	*			
20	16 58	12 23	29 27	16 27	2 46	♀ ☉ h	♂				Δ		♂
21	17 1	12 19	0 1	17 41	2 14	☉ ☉ ♀		☉				♂	
22	17 5	12 15	0 36	18 54	1 40	♀ ☉ h							
23	17 8	12 11	1 10	20 7	1 5	☉ * ♂			*	♂			
24	17 12	12 7	1 44	21 21	0 31	♀ * ♂	Δ				♂		Δ
25	17 15	12 3	2 19	22 34	29 58			*					
26	17 19	11 58	2 53	23 48	29 26							Δ	
27	17 22	11 53	3 28	25 1	28 56				♂	*			
28	17 25	11 48	4 2	26 14	28 28								*
29	17 28	11 43	4 37	27 27	28 3		*				Δ		
30	17 31	11 38	5 11	28 40	27 41			Δ					
31	17 34	11 33	5 46	29 53	27 22							☉	*

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
1	15	48	0 8	4 23 8	1 8	54 6 8	0 N 5	22 8 53
4	15	48	0	4 23	1	54 6 8	0	5 22 55
7	15	47	0	4 23	1	55 6 34	0	4 22 57
10	15	47	0	4 23	1	55 6 32	0	4 22 59
13	15	46	0	4 23	1	56 6 31	0	3 23 1
16	15	46	0	4 22 59	1	57 6 30	0	3 23 3
19	15	46	0	4 22 59	1	58 6 29	0	2 23 5
22	15	46	0	4 22 58	1	58 6 29	0	2 23 7
25	15	46	0	4 22 58	1	59 6 29	0	2 23 9
28	15	45	0	4 22 57	1	59 6 30	0	2 23 11

D M	D W	Sideresal Time.	☉ Long.	☉ Declin	♈ Long.	♈ Lat.	♈ Declin	♈ Long.
		H. M. S.	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "	° / ' "
1	M	4 37 26	10 11 19	5 22 N	1 13 5 28	0 N 27	16 N 19	18 1 29
2	Tu	4 41 23	11 16 33	22	9 25 20	1 30 20	35	18 2 26
3	W	4 45 19	12 14 12	22	17 7 11 10	2 30 23	59	18 3 24
4	Th	4 49 16	13 11 27	22	24 18 58	3 22 26	23	18 4 22
5	F	4 53 12	14 8 52	22	31 0 49	4 7 27	34	18 5 19
6	S	4 57 9	15 6 17	22	38 12 42	4 40 27	30	18 6 17
7	S	5 1 5 16	3 41 22	44 24 42	5 2 26	9	18 7 15	
8	M	5 5 2 17	1 3 22	50 6 49	5 10 23	35	18 8 12	
9	Tu	5 8 59	17 53 25	22	55 19 6	5 4 19	55	18 9 10
10	W	5 12 55	18 55 46	23	0 1 37	4 44 15	20	18 10 7
11	Th	5 16 52	19 53 6	23	5 14 25	4 10 9	58	18 11 5
12	F	5 20 48	20 50 24	23	9 27 34	3 21 4	3	18 12 2
13	S	5 24 45	21 47 42	23	13 11 5	2 20 28	15	18 13 0
14	S	5 28 41	22 44 59	23	16 25 2	1 9 8	38	17 14 58
15	M	5 32 38	23 42 15	23	19 9 25	0 8 8	14	17 15 55
16	Tu	5 36 34	24 39 30	23	21 24 11	1 27 20	15	17 16 52
17	W	5 40 31	25 36 44	23	24 9 15	2 41 24	31	17 17 50
18	Th	5 44 27	26 33 58	23	25 24 30	3 44 27	5	17 18 47
19	F	5 48 24	27 31 11	23	27 9 44	4 32 27	37	17 19 45
20	S	5 52 21	28 28 24	23	27 24 48	4 59 26	6	17 20 43
21	S	5 56 17	29 25 37	23	28 9 32	5 7 22	48	17 21 40
22	M	6 0 14	0 22 50	23	28 23 50	4 54 18	13	17 22 38
23	Tu	6 4 10	1 20 3	23	28 7 38	4 25 12	49	17 23 35
24	W	6 8 7	2 17 16	23	27 20 58	3 42 6	59	17 24 32
25	Th	6 12 4	3 14 28	23	26 3 51	2 49 1	4	17 25 30
26	F	6 16 1	4 11 41	23	24 16 21	1 50 4	N 45	17 26 27
27	S	6 19 58	5 8 55	23	22 28 34	0 46 10	15	17 27 25
28	S	6 23 55	6 6 8	23	19 10 8	0 N 18	15	17 28 23
29	M	6 27 52	7 3 21	23	16 22 27	1 21 19	42	17 29 21
30	Tu	6 31 49	8 0 34	23	13 4 15	2 19 23	18	17 30 19

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 27	20 N 7	1 N 7	24 N 35	3 S 38	16 N 0	7 5
4	1 25	19 38	1 12	24 36	3 57	15 37	6 55
7	1 24	19 9	1 18	24 30	4 5	15 33	6 46
10	1 23	18 38	1 23	24 17	4 4	15 48	6 36
13	1 21	18 7	1 28	24 0	3 53	16 20	6 27
16	1 19	17 34	1 32	23 34	3 36	17 5	6 17
19	1 17	17 1	1 35	23 4	3 12	18 0	6 8
22	1 15	16 26	1 37	22 25	2 44	19 3	5 58
25	1 14	15 51	1 40	21 45	2 10	20 8	5 49
28	1 12	15 15	1 42	20 56	1 35	21 15	5 39

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	17 37	11 28	6 21	1 6	27 8	7			*	Δ		
2	17 40	11 22	6 55	2 19	26 54							♈
3	17 42	11 16	7 30	3 32	26 47		♈			*		
4	17 45	11 10	8 5	4 45	26 47			♈	□			
5	17 47	11 4	8 40	5 58	26 50							
6	17 50	10 58	9 15	7 11	26 57				Δ	♈		♈
7	17 52	10 52	9 50	8 24	27 7							*
8	17 54	10 45	10 25	9 37	27 21	♀ ♈ ♄					♈	
9	17 56	10 39	11 0	10 50	27 41	☉ ♈ ♄	*	Δ				
10	17 58	10 32	11 35	12 3	28 8	☉ □ ♈						□
11	18 0	10 26	12 10	13 16	28 38		□	□	♈	Δ	*	
12	18 2	10 19	12 45	14 29	29 11	♈ □ ♄						Δ
13	18 3	10 12	13 21	15 42	29 48					□	*	□
14	18 5	10 5	13 56	16 55	0 29		Δ	*				
15	18 6	9 58	14 32	18 8	1 15	♀ Δ ♈				*	□	
16	18 8	9 51	15 7	19 20	2 5				Δ		Δ	
17	18 9	9 44	15 43	20 33	2 59						Δ	♈
18	18 10	9 37	16 18	21 46	3 57		♈	♈	□			
19	18 11	9 30	16 54	22 58	4 59					♈		
20	18 12	9 22	17 29	24 11	6 5	♈ Δ ♄			*			♈
21	18 13	9 15	18 5	25 23	7 14							Δ
22	18 13	9 7	18 41	26 36	8 26			*			♈	
23	18 14	9 0	19 17	27 48	9 42		Δ			*		□
24	18 15	8 52	19 53	29 1	11 2			□	♈			
25	18 15	8 44	20 29	0 13	12 26		□			□	Δ	
26	18 15	8 36	21 5	1 26	13 53			Δ			Δ	*
27	18 16	8 29	21 41	2 38	15 23							□
28	18 16	8 21	22 17	3 51	16 57	♈ □ ♈	*			Δ		
29	18 16	8 14	22 53	5 3	18 34	♈ ♈ ♄			*		□	
30	18 16	8 6	23 29	6 16	20 14	☉ ♈ ♄						*

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.			
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.		
	'	"	°	'	°	'	°	'		
1	15	45	08	5	22	56	28	1	23	13
4	15	45	0	5	22	56	2	1	6	31
7	15	45	0	5	22	55	2	2	6	32
10	15	46	0	5	22	54	2	3	6	34
13	15	46	0	5	22	54	2	4	6	36
16	15	46	0	5	22	53	2	4	6	39
19	15	46	0	5	22	53	2	5	6	42
22	15	46	0	5	22	52	2	6	6	45
25	15	47	0	5	22	52	2	7	6	48
28	15	47	0	5	22	52	2	7	6	52
31	15	47	0	5	22	52	2	7	6	56

D M	D W	Siderea' Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	6 35 46	85 57 48	23 N 10	16 11 3	3 N 12	25 N 55	17 7 18
2	Th	6 39 43	9 55 23	23	6 27 54	3 56 27	23	17 16
3	F	6 43 39	10 52 15	23	1 9 49	4 30 27	36	17 13
4	S	6 47 36	11 49 29	22	56 21 50	4 53 26	30	17 10
5	S	6 51 32	12 46 43	22	51 3 58	5 22 4	10	17 8
6	M	6 55 29	13 43 57	22	45 16 15	4 58 20	42	17 5
7	Tu	6 59 26	14 41 10	22	39 28 42	4 39 16	18	17 3
8	W	7 3 22	15 38 24	22	33 11 21	4 7 11	7	17 1
9	Th	7 7 19	16 35 38	22	26 24 13	3 22 5	23	16 59
10	F	7 11 15	17 32 51	22	19 7 21	2 25 0	8 43	16 57
11	S	7 15 12	18 30 4	22	11 20 48	1 19 6	55	16 55
12	S	7 19 8	19 27 18	22	3 4 36	0 6 12	58	16 54
13	M	7 23 5	20 24 31	21	55 18 46	18 8 18	31	16 52
14	Tu	7 27 1	21 21 44	21	46 3 17	2 20 23	8	16 50
15	W	7 30 58	22 18 58	21	37 18 7	3 24 26	19	16 48
16	Th	7 34 55	23 16 10	21	27 3 8	4 15 27	40	16 46
17	F	7 38 51	24 13 24	21	18 18 13	4 48 26	59	16 44
18	S	7 42 48	25 10 39	21	7 3 12	5 12 4	20	16 42
19	S	7 46 44	26 7 53	20	57 17 55	4 54 20	8	16 40
20	M	7 50 41	27 5 9	20	46 2 15	4 28 14	51	16 39
21	Tu	7 54 37	28 2 25	20	35 16 7	3 47 8	58	16 38
22	W	7 58 34	28 59 42	20	23 29 30	2 55 2	52	16 36
23	Th	8 2 30	29 57 0	20	11 12 26	1 55 3	N 10	16 35
24	F	8 6 27	0 54 19	19	59 24 59	0 51 8	53	16 33
25	S	8 10 24	1 51 39	19	46 7 12	0 N 14	14	16 32
26	S	8 14 20	2 49 0	19	33 19 12	1 16 18	46	16 30
27	M	8 11 17	3 46 22	19	20 1 4	2 15 23	36	16 29
28	Tu	8 22 13	4 43 44	19	6 12 52	3 8 25	29	16 27
29	W	8 26 10	5 41 9	18	52 24 42	3 52 27	18	16 26
30	Th	8 30 6	6 38 34	18	38 6 36	4 26 27	44	16 25
31	F	8 34 3	7 36 0	18	23 18 38	4 49 26	57	16 24

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 11	14 N 37	1 N 43	20 N 5	0 S 58	22 N 16	5 30
4	1 9	14 0	1 43	18 48	0 22	23 5	5 20
7	1 7	13 20	1 42	18 4	0 N 13	23 39	5 11
10	1 6	12 40	1 41	16 36	0 44	23 52	5 1
13	1 4	12 0	1 39	15 47	1 10	23 40	4 52
16	1 2	11 21	1 36	14 29	1 29	23 4	4 42
19	1 1	10 37	1 33	13 16	1 42	22 6	4 33
22	0 59	9 55	1 29	11 55	1 47	20 47	4 23
25	0 58	9 12	1 24	10 32	1 47	19 13	4 14
28	0 56	8 30	1 17	9 6	1 40	17 27	4 4
31	0 55	7 45	1 10	7 43	1 29	15 32	3 55

D M	h Long.	♄ Long.	♅ Long.	♀ Long.	♁ Long.	Mutual Aspts.	Lunar Aspects.						
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋	♌
1	18 16	7 58	24 5	7 52	28 21	♈ 58		♈	☐				
2	18 16	7 50	24 41	8 41	23 43						*		♌
3	18 15	7 43	25 17	9 53	25 33	♉ * ♈	☉			♈			
4	18 15	7 35	25 54	11 52	27 28				Δ				
5	18 14	7 28	26 30	12 17	29 25								
6	18 14	7 20	27 6	13 29	1 23			Δ				♌	♌
7	18 13	7 12	27 43	14 41	3 21							♌	*
8	18 12	7 4	28 19	15 53	5 22	♉ ♈ ♄	*	☐		Δ			
9	18 11	6 57	28 56	17 6	7 26	♀ Δ ♈			♈				
10	18 10	6 49	29 32	18 17	9 33					☐			☐
11	18 9	6 42	0 9	19 29	11 40	☉ Δ ♈	☐	*				*	*
12	18 8	6 37	0 45	20 41	13 48						*	*	
13	18 6	6 27	1 22	21 53	15 56		Δ		Δ			☐	Δ
14	18 5	6 20	1 58	23 5	18 4	♉ Δ ♈						☐	
15	18 3	6 13	2 35	24 17	20 13			♌	☐			Δ	
16	18 2	6 6	3 12	25 29	22 22						♌	Δ	
17	18 0	5 59	3 49	26 40	24 30	☉ ♌ ♉	♈		*				♈
18	17 58	5 52	4 26	27 52	26 37								
19	17 56	5 45	5 3	29 3	28 44			*					
20	17 54	5 38	5 40	0 15	0 50	♈ Δ ♄					*	♈	♈
21	17 52	5 32	6 17	1 26	2 54			☐	♌				
22	17 50	5 25	6 54	2 38	4 56		Δ			☐			Δ
23	17 48	5 19	7 31	3 49	6 57			Δ					
24	17 46	5 12	8 8	5 1	8 57	♀ Δ ♄							
25	17 44	5 6	8 45	6 12	10 56		☐			Δ	Δ	Δ	☐
26	17 42	5 0	9 22	7 23	12 53				*				
27	17 39	4 55	9 59	8 34	14 48		*						
28	17 36	4 49	10 36	9 45	16 42	♉ Δ ♈		♈	☐		☐	☐	*
29	17 33	4 44	11 14	10 56	18 34								
30	17 30	4 38	11 51	12 7	20 25	♀ ♌ ♈				♈	*		
31	17 27	4 33	12 28	13 18	22 14			Δ				*	

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.							
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	'	"	°	'	°	'	°	'	°	'				
1	15	47	08	5	22	51	28	8	68	57	08	4	23	27
4	15	47	0	5	22	51	2	8	7	2	0	4	23	28
7	15	48	0	5	22	51	2	9	7	6	0	4	23	29
10	15	48	0	5	22	50	2	9	7	11	0	4	23	30
13	15	49	0	5	22	50	2	10	7	15	0	5	23	30
16	15	49	0	5	22	50	2	10	7	20	0	5	23	31
19	15	50	0	5	22	50	2	11	7	25	0	5	23	31
22	15	50	0	5	22	50	2	11	7	30	0	6	23	32
25	15	51	0	5	22	50	2	12	7	36	0	6	23	32
28	15	51	0	5	22	50	2	12	7	42	0	6	23	33
31	15	52	0	5	22	50	2	13	7	48	0	6	23	33

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♅ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	8 37 59	8 23 27	18 N 9	0 24 49	4 N 59	24 N 52	16 1 23
2	S	8 41 56	9 30 55	17 53	13 10	4 56	21 36	16 1 22
3	M	8 45 53	10 28 24	17 38	25 41	4 38	17 20	16 21
4	Tu	8 49 49	11 25 54	17 22	8 24	4 6	12 14	16 20
5	W	8 53 46	12 23 25	17 6	21 17	3 21	6 33	16 19
6	Th	8 57 42	13 20 56	16 50	4 23	2 25	0 29	16 18
7	F	9 1 39	14 18 28	16 33	17 40	1 20	5 S 43	16 17
8	S	9 5 35	15 16 1	16 17	1 11	0 9	11 45	16 16
9	S	9 9 32	16 13 35	15 59	14 57	1 S 3	17 20	16 15
10	M	9 13 28	17 11 10	15 42	28 58	2 13	22 7	16 14
11	Tu	9 17 25	18 8 46	15 24	13 15	3 16	25 40	16 13
12	W	9 21 22	19 6 22	15 7	27 45	4 8	27 35	16 12
13	Th	9 25 18	20 4 0	14 49	12 25	4 43	27 36	16 11
14	F	9 29 15	21 1 38	14 30	27 8	5 1	25 40	16 10
15	S	9 33 11	21 59 17	14 12	11 48	4 58	22 2	16 10
16	S	9 37 8	22 56 58	13 53	26 15	4 36	17 6	16 9
17	M	9 41 4	23 54 40	13 34	10 25	3 58	11 20	16 9
18	Tu	9 45 1	24 52 24	13 15	24 11	3 7	5 9	16 8
19	W	9 48 57	25 50 9	12 55	7 32	2 5	1 N 4	16 8
20	Th	9 52 54	26 47 55	12 36	20 28	1 0	7 5	16 8
21	F	9 56 51	27 45 48	12 16	3 2	0 N 7	12 38	16 8
22	S	10 0 47	28 43 33	11 56	15 17	1 11	17 36	16 7
23	S	10 4 44	29 41 25	11 36	27 19	2 12	21 44	16 7
24	M	10 8 40	0 39 19	11 15	9 12	3 6	24 5	16 7
25	Tu	10 12 37	1 37 15	10 55	21 2	3 52	27 1	16 7
26	W	10 16 33	2 35 12	10 34	2 54	4 28	27 54	16 7
27	Th	10 20 29	3 33 11	10 13	14 52	4 52	27 28	16 D 7
28	F	10 24 25	4 31 12	9 52	27 0	5 4	25 45	16 7
29	S	10 28 21	5 29 15	9 31	9 20	5 2	22 47	16 8
30	S	10 32 17	6 27 19	9 9	21 54	4 45	18 43	16 8
31	M	10 36 13	7 25 26	8 48	4 42	4 14	18 45	16 8

AUGUST XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
0 N 54	7 N 28	1 N 9	7 N 10	1 N 25	14 N 52	3 51
0 53	6 48	1 2	5 40	1 8	12 50	3 41
0 51	5 58	0 53	4 10	0 49	10 46	3 32
0 49	5 12	0 44	2 40	0 26	8 40	3 22
0 47	4 26	0 35	1 6	0 2	6 36	3 13
0 45	3 44	0 25	0 S 27	0 S 24	4 33	3 3
0 44	2 52	0 15	2 0	0 52	2 34	2 54
0 43	2 5	0 4	3 32	1 20	0 40	2 44
0 41	1 18	0 S 8	5 5	1 49	1 S 7	2 35
0 39	0 31	0 21	6 36	2 17	2 46	2 25
0 37	0 17	0 34	8 4	2 45	4 15	2 16

h	♈	♉	♊	♋	♌	Mutual	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	Aspts.	☉	♈	♉	♊	♋	♌	♍
° /	° /	° /	° /	° /									
17 x 24	4 w 27	13 w 6	14 w 29	23 Ω 59									
17 B 21	4 B 22	13 43	15 40	25 46			♂	Δ					
17 18	4 17	14 21	16 51	27 30	♀ □ ♈								♂
17 15	4 12	14 58	18 2	29 11	♀ ♂ ♈					Δ			
17 12	4 7	15 36	19 13	0 w 51				□	♂		♂	♂	
17 9	4 2	16 14	20 24	2 30	♂ □ ♈					□			
17 5	3 58	16 52	21 34	4 8	♂ ♂ ♈	*	*						
17 2	3 54	17 29	22 45	5 44	♀ Δ ♈					*			*
16 58	3 50	18 7	23 55	7 18	☉ Δ ♈		□		Δ		*		
16 55	3 47	18 45	25 6	8 50								*	
16 51	3 43	19 23	26 16	10 21			Δ	♂	□		□		□
16 47	3 39	20 127	28 11	51					*	♂		□	
16 43	3 36	20 39	28 36	18 19					*				Δ
16 39	3 33	21 17	29 46	14 46							Δ	Δ	
16 35	3 30	21 55	0 Δ 56	16 11	♀ □ ♈		*						
16 31	3 28	22 33	2 6	17 33	♀ ♂ ♈	♂			*				
16 27	3 25	23 11	3 16	18 54	♀ □ ♈			□	♂				
16 23	3 22	23 49	4 26	20 13							♂	♂	♂
16 19	3 20	24 28	5 36	21 31						□		♂	
16 15	3 18	25 6	6 46	22 47			Δ						
16 11	3 17	25 44	7 56	24 1			Δ			Δ			
16 6	3 15	26 23	9 52	25 14	♈ □ ♈				*				
16 2	3 14	27 110	15 26	24			□				Δ		Δ
15 58	3 12	27 39	11 24	27 34								Δ	
15 53	3 11	28 18	12 33	28 38	♂ ♂ ♈		♂	□					
15 49	3 10	28 56	13 42	29 42			*			♂	□		□
15 44	3 9	29 35	14 51	0 Δ 43	☉ Δ ♈				Δ			□	
15 40	3 9	0 Δ 14	16 0	1 41	♀ * ♈						*		*
15 35	3 8	0 52	17 9	2 37									
15 31	3 8	1 31	18 18	3 30	♀ □ ♈			Δ				*	
15 27	3 8	2 10	19 27	4 20			♂			Δ			

AUGUST XXXI DAYS.

D M.	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	08	5	28	8	08	4
4	15	47	0	5	2	8	0	4
7	15	48	0	5	2	9	0	4
10	15	48	0	5	2	9	0	4
13	15	49	0	5	2	10	0	5
16	15	49	0	5	2	10	0	5
19	15	50	0	5	2	11	0	5
22	15	50	0	5	2	11	0	6
25	15	51	0	5	2	12	0	6
28	15	51	0	5	2	12	0	6
31	15	52	0	5	2	13	0	6

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	'	"	'	"	'	"
1	S	8 37 59	8 23 27	18 N 9	0 24 9	4 N 59	24 N 52	16 23
2	S	8 41 56	9 30 55	17 53	13 10	4 56	21 36	16 22
3	M	8 45 53	10 28 24	17 38	25 41	4 38	17 20	16 21
4	Tu	8 49 49	11 25 54	17 22	8 24	4 6	12 14	16 20
5	W	8 53 46	12 23 25	17 6	21 17	3 21	6 33	16 19
6	Th	8 57 42	13 20 56	16 50	4 23	2 25	0 29	16 18
7	F	9 1 39	14 18 28	16 33	17 40	1 20	5 43	16 17
8	S	9 5 35	15 16 1	16 17	1 11	0 9	11 45	16 16
9	S	9 9 32	16 13 35	15 59	14 57	1 8	3 17	20 16 15
10	M	9 13 28	17 11 10	15 42	28 58	2 13	22 7	16 14
11	Tu	9 17 25	18 8 46	15 24	13 15	3 16	25 40	16 13
12	W	9 21 22	19 6 22	15 7	27 45	4 8	27 35	16 12
13	Th	9 25 18	20 4 0	14 49	12 25	4 43	27 36	16 11
14	F	9 29 15	21 1 38	14 30	27 8	5 13	25 40	16 10
15	S	9 33 11	21 59 17	14 13	11 48	4 58	22 2	16 10
16	S	9 37 8	22 56 58	13 53	26 15	4 36	17 6	16 9
17	M	9 41 4	23 54 40	13 34	10 25	3 58	11 20	16 9
18	Tu	9 45 1	24 52 24	13 15	24 11	3 7	5 9	16 8
19	W	9 48 57	25 50 9	12 55	7 32	2 5	1 N 4	16 8
20	Th	9 52 54	26 47 55	12 36	20 28	1 0	7 5	16 8
21	F	9 56 51	27 45 43	12 16	3 2	0 N 7	12 38	16 8
22	S	10 0 47	28 43 33	11 56	15 17	1 11	17 36	16 7
23	S	10 4 44	29 41 25	11 36	27 19	2 12	21 44	16 7
24	M	10 8 40	0 39 19	11 15	9 12	3 6	24 5	16 7
25	Tu	10 12 37	1 37 15	10 55	21 2	3 52	27 1	16 7
26	W	10 16 33	2 35 12	10 34	2 54	4 28	27 54	16 7
27	Th	10 20 29	3 33 11	10 13	14 52	4 52	27 28	16 D 7
28	F	10 24 25	4 31 12	9 52	27 0	5 42	25 45	16 7
29	S	10 28 21	5 29 15	9 31	9 20	5 22	27 47	16 8
30	S	10 32 17	6 27 19	9 9	21 54	4 45	18 43	16 8
31	M	10 36 13	7 25 26	8 48	4 42	4 14	18 45	16 8

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	0 N 54	7 N 28	1 N 9	7 N 10	1 N 25	14 N 52	3 5 51
4	0 53	6 43	1 2	5 40	1 8	12 50	3 41
7	0 51	5 58	0 53	4 10	0 49	10 46	3 32
10	0 49	5 12	0 44	2 40	0 26	8 40	3 22
13	0 47	4 26	0 35	1 6	0 2	6 36	3 13
16	0 45	3 44	0 25	0 S 27	0 S 24	4 33	3 3
19	0 44	2 52	0 15	2 0	0 52	2 34	2 54
22	0 43	2 5	0 4	3 32	1 20	0 40	2 44
25	0 41	1 18	0 S 8	5 5	1 49	1 S 7	2 35
28	0 39	0 31	0 21	6 36	2 17	2 46	2 25
31	0 37	0 17	0 24	8 4	2 45	4 15	2 16

D M	h		N		S		Q		Mutual Aspts.	Lunar Aspects.							
	Long.	Lat.	Long.	Lat.	Long.	Lat.	Long.	Lat.		☉	☽	☿	♂	♀	♂	♀	
1	17	24	4	27	13	27	6	14	29	23	59						
2	17	21	4	22	13	18	48	15	40	25	46	♂	Δ				
3	17	18	4	17	14	21	16	51	27	30		♀	□	♂			♂
4	17	15	4	12	14	58	18	29	11			♀	♂	h			
5	17	12	4	7	15	36	19	13	0	51			□	♂	♂	♂	
6	17	9	4	2	16	14	20	24	2	30	♂	□	♂		□		
7	17	5	3	58	16	52	21	34	4	8	♂	♂	h	*	*		
8	17	2	3	54	17	29	22	45	5	44	♂	Δ	N		*		*
9	16	58	3	50	18	7	23	55	7	18	☉	Δ	♂		*		*
10	16	55	3	47	18	45	25	6	8	50						*	
1	16	51	3	43	19	23	26	16	10	21		Δ	♂	□	♂	□	□
2	16	47	3	39	20	1	27	26	11	51				♂		□	Δ
3	16	43	3	36	20	39	28	36	13	19			*				Δ
4	16	39	3	33	21	17	29	46	14	46					Δ	Δ	
5	16	35	3	30	21	55	0	56	16	11	♀	□	♂	*			
6	16	31	3	28	22	33	2	6	17	33	♀	♂	h	♂	*		
7	16	27	3	25	23	11	3	16	18	54	♀	□	N		♂		
8	16	23	3	22	23	49	4	26	20	13						♂	♂
9	16	19	3	20	24	28	5	36	21	31				□			
10	16	15	3	18	25	6	6	46	22	47		Δ					
1	16	11	3	17	25	44	7	56	24	1		Δ			Δ		
2	16	6	3	15	26	23	9	5	25	14	h	□	♂	*			
3	16	2	3	14	27	1	10	15	26	24		□				Δ	Δ
4	15	58	3	12	27	39	11	24	27	34						Δ	
5	15	53	3	11	28	18	12	33	28	38	♀	♂	♂	♂			
6	15	49	3	10	28	56	13	42	29	42		*			♂	□	□
7	15	44	3	9	29	35	14	51	0	43	☉	Δ	N		Δ		□
8	15	40	3	9	0	14	16	0	1	41	♀	*	♂			*	*
9	15	35	3	8	0	52	17	9	2	37							
10	15	31	3	8	1	31	18	18	3	30	♀	□	N		Δ		*
1	15	27	3	8	2	10	19	27	4	20		♂				Δ	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'	
1	15	54	08	5	22 S 50	28 13	7 S 49	08 7	23 S 33
4	15	54	0	5	22 50	2 13	7 55	0 7	23 33
7	15	55	0	5	22 50	2 13	8 0	0 8	23 33
10	15	56	0	5	22 50	2 13	8 6	0 8	23 34
13	15	57	0	5	22 50	2 13	8 11	0 8	23 34
16	15	57	0	5	22 51	2 13	8 16	0 8	23 34
19	15	58	0	5	22 51	2 13	8 21	0 9	23 34
22	15	59	0	5	22 52	2 13	8 26	0 9	23 34
25	16	0	0	5	22 52	2 13	8 32	0 10	23 34
28	16	0	0	5	22 52	2 13	8 37	0 10	23 33

D M	D W	Sidereal Time.			☉ Long.			☉ Declin			♄ Long.			♄ Lat.			♄ Declin			♃ Long.		
		H. M. S.			° ' ''			° ' ''			° ' ''			° ' ''			° ' ''			° ' ''		
1	Tu	10	40	9	8 ^m	23	34	8	N	26	17 ^m	44	3	N	30	8	N	4	16	7	9	
2	W	10	44	6	9	21	44	8	4	0 ^h	58	2	33	1	57	16	9					
3	Th	10	48	2	10	19	54	7	42	14	25	1	26	4	S	22	16	10				
4	F	10	51	59	11	18	8	7	20	28	1	0	14	10	34	16	11					
5	S	10	55	55	12	16	22	6	58	11 ^m	47	1	S	0	16	19	16	12				
6	S	10	59	52	13	14	37	6	36	25	42	2	11	21	20	16	13					
7	M	11	3	49	14	12	54	6	13	9 ^h	45	3	15	25	9	16	13					
8	Tu	11	7	45	15	11	13	5	51	23	55	4	8	27	28	16	14					
9	W	11	11	42	16	9	33	5	28	8 ^m	10	4	46	27	58	16	14					
10	Th	11	15	38	17	7	54	5	5	22	28	5	6	26	37	16	15					
11	F	11	19	35	18	6	17	4	42	6 ^m	45	5	7	23	33	16	15					
12	S	11	23	31	19	4	42	4	20	20	58	4	49	19	5	16	16					
13	S	11	27	28	20	3	8	3	57	5 ^m	0	4	15	13	38	16	17					
14	M	11	31	24	21	1	37	3	34	18	48	3	25	7	35	16	18					
15	Tu	11	35	21	22	0	6	3	11	2 ^m	18	2	25	1	18	16	19					
16	W	11	39	18	22	58	39	2	47	15	28	1	19	4	N	53	16	20				
17	Th	11	43	14	23	57	13	2	24	28	18	0	10	10	44	16	21					
18	F	11	47	11	24	55	49	2	1	10 ^h	49	0	N	58	16	1	16	22				
19	S	11	51	7	25	54	27	1	38	23	4	2	2	20	32	16	23					
20	S	11	55	4	26	53	8	1	14	5 ^m	7	3	0	24	7	16	24					
21	M	11	59	0	27	51	51	0	51	17	1	3	49	26	38	16	26					
22	Tu	12	2	57	28	50	36	0	29	28	52	4	28	27	55	16	27					
23	W	12	6	53	29	49	24	0	4	10 ^h	54	4	55	27	56	16	29					
24	Th	12	10	50	0 ^h	48	14	0	S	19	22	5	10	26	39	16	30					
25	F	12	14	46	1	47	5	0	43	4 ^m	55	5	12	24	6	16	32					
26	S	12	18	43	2	46	0	1	6	17	20	4	59	20	24	16	33					
27	S	12	22	40	3	44	57	1	30	0 ^m	2	4	31	15	42	16	34					
28	M	12	26	36	4	43	55	1	53	13	2	3	49	10	11	16	36					
29	Tu	12	30	33	5	42	56	2	16	26	22	2	53	4	6	16	38					
30	W	12	34	29	6	41	59	2	40	9 ^h	59	1	47	2	S	19	16	40				

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 37	0 S 34	0 S 36	8 S 36	2 S 54	4 S 42	2 13
4	0 35	1 22	0 49	10 4	3 19	5 51	2 8
7	0 33	2 9	1 2	11 31	3 41	6 42	1 54
10	0 31	2 56	1 16	12 53	3 57	7 11	1 44
13	0 30	3 45	1 28	14 18	4 5	7 10	1 35
16	0 28	4 32	1 42	15 37	4 1	6 33	1 25
19	0 26	5 21	1 55	16 54	3 42	5 19	1 16
22	0 24	6 8	2 8	18 7	3 5	3 32	1 6
25	0 23	6 56	2 21	19 18	2 14	1 27	0 57
28	0 21	7 43	2 34	20 23	1 14	0 N 33	0 47

D M	h Long.	♄ Long.	♅ Long.	♆ Long.	♇ Long.	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	15 22	3 8	2 49	20 35	5 6	♂ □ ♀		☿						
2	15 17	3 9	3 28	21 44	5 51							♂		♂
3	15 13	3 10	4 7	22 51	6 30		*					*		♂
4	15 8	3 11	4 46	24 1	7 4							*		♂
5	15 4	3 12	5 25	25 9	7 34		*		Δ					
6	14 59	3 13	6 4	26 17	8 1									
7	14 54	3 14	6 43	27 25	8 24		☿	♂	☿			*		*
8	14 50	3 16	7 22	28 33	8 41	☉ ♂ ♀						*		*
9	14 45	3 18	8 1	29 40	8 52	☉ ☿ ♀						♂	☿	☿
10	14 40	3 20	8 40	0 48	8 57	☿ ♂ ♂	Δ							
11	14 36	3 22	9 19	1 55	8 56								Δ	☿
12	14 31	3 24	9 58	3 3	8 49	♀ * ♀		*						Δ
13	14 26	3 26	10 38	4 10	8 36							*		Δ
14	14 21	3 29	11 17	5 17	8 16		♂	☿	♂					♂
15	14 17	3 32	11 57	6 24	7 48							☿		
16	14 12	3 35	12 36	7 30	7 13				Δ			♂		
17	14 8	3 38	13 16	8 37	6 32							Δ		
18	14 3	3 41	13 55	9 44	5 45				*				♂	
19	13 59	3 45	14 35	10 50	4 51		Δ							
20	13 54	3 49	15 14	11 56	3 53	☿ □ ♀								Δ
21	13 50	3 53	15 54	13 2	2 51	♀ Δ ♀		♂	☿			Δ		
22	13 45	3 57	16 34	14 7	1 45	♂ * ♀	☿					♂		☿
23	13 41	4 1	17 14	15 18	0 38	☉ ♂ ♀				Δ			Δ	
24	13 37	4 5	17 54	16 19	29 33								☿	*
25	13 33	4 10	18 34	17 24	28 30		*							
26	13 29	4 15	19 14	18 29	27 32				Δ			*	☿	
27	13 25	4 20	19 54	19 34	26 38							Δ		
28	13 21	4 25	20 34	20 38	25 47	☉ □ ♀		☿	♂					
29	13 17	4 31	21 14	21 43	25 6								*	♂
30	13 13	4 36	21 54	22 48	24 37			♂				☿		

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	'	'	'	'	'	'
1	16	1	08 5	22 S 53	2 S 13	8 S 41	0 S 10	23 S 33
4	16	1	0 5	22 53	2 13	8 45	0 10	23 33
7	16	2	0 5	22 54	2 13	8 49	0 11	23 33
10	16	3	0 5	22 55	2 13	8 53	0 11	23 31
13	16	4	0 5	22 55	2 12	8 56	0 11	23 31
16	16	5	0 5	22 56	2 12	9 0	0 11	23 30
19	16	5	0 5	22 57	2 12	9 3	0 12	23 29
22	16	6	0 5	22 58	2 12	9 5	0 12	23 28
25	16	7	0 5	22 59	2 11	9 7	0 12	23 26
28	16	7	0 5	22 59	2 11	9 8	0 12	23 25
31	16	8	0 5	23 0	2 11	9 10	0 12	23 23

D	D	Sidereal		☉	☉	♄	♄	♄	♃
M	W	Time.		Long.	Declin.	Long.	Lat.	Declin.	Long.
		H. M. S.		'	'	'	'	'	'
1	Th	12 38 26	7	41 5	38 3	23 51	0 N 32	8 S 46	16 42
2	F	12 42 22	8	40 12	3 26	7 54	0 S 45	14 52	16 44
3	S	12 46 19	9	39 21	3 50	22 5	2 0	20 15	16 46
4	S	12 50 15	10	38 32	4 18	6 21	3 9	24 29	16 48
5	M	12 54 12	11	37 44	4 36	20 37	4 5	27 18	16 50
6	Tu	12 58 9	12	36 59	4 59	4 52	4 47	28 9	16 52
7	W	13 2 5	13	36 15	5 22	19 3	5 10	27 14	16 54
8	Th	13 6 2	14	35 32	5 45	3 7	5 15	24 36	16 56
9	F	13 9 55	15	34 52	6 8	17 3	5 2	20 32	16 58
10	S	13 13 55	16	34 13	6 31	0 49	4 31	15 25	17 0
11	S	13 17 51	17	33 36	6 54	14 23	3 45	9 37	17 2
12	M	13 21 48	18	33 1	7 17	27 45	2 48	3 28	17 4
13	Th	13 25 45	19	32 28	7 39	10 52	1 42	2 N 44	17 7
14	W	13 29 41	20	31 57	8 22	44 0	33 8	43 17	9
15	Th	13 33 38	21	31 25	8 24	6 22	0 N 37	14 14	17 12
16	F	13 37 34	22	31 0	8 46	18 45	1 44	19 5	17 14
17	S	13 41 31	23	30 36	9 8	0 56	2 45	23 3	17 17
18	S	13 45 27	24	30 14	9 30	12 57	3 38	25 58	17 19
19	M	13 49 24	25	29 53	9 52	24 51	4 21	27 42	17 22
20	Tu	13 53 20	26	29 35	10 14	6 42	4 52	28 10	17 25
21	W	13 57 17	27	29 20	10 35	18 35	5 11	27 19	17 27
22	Th	14 1 13	28	29 6	10 57	0 33	5 17	25 13	17 30
23	F	14 5 10	29	28 55	11 18	12 42	5 9	21 57	17 32
24	S	14 9 7	0	28 46	11 39	25 6	4 47	17 40	17 35
25	S	14 13 3	1	28 40	12 0	7 45	4 10	12 31	17 37
26	M	14 17 0	2	28 36	12 21	20 53	3 19	6 40	17 40
27	Tu	14 20 56	3	28 34	12 41	4 21	2 16	0 21	17 43
28	W	14 24 53	4	28 34	13 2	18 13	1 3	6 S 10	17 45
29	Th	14 28 49	5	28 36	13 22	2 25	0 S 15	12 34	17 46
30	F	14 32 46	6	28 40	13 42	16 55	1 34	18 24	17 51
31	S	14 36 43	7	28 46	14 1	1 35	2 48	23 14	17 55

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	08	5	28	10	08	12
4	16	10	0	5	2	10	0	12
7	16	11	0	5	2	9	0	13
10	16	12	0	5	2	9	0	13
13	16	12	0	5	2	8	0	13
16	16	13	0	5	2	8	0	13
19	16	14	0	5	2	7	0	14
22	16	14	0	6	2	7	0	14
25	16	15	0	6	2	6	0	14
28	16	15	0	6	2	6	0	14

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	S	14 40 39	8 ^m 28 54	14 8 21	16 7 19	3 8 50	26 8 35	17 7 58
2	M	14 44 36	9 29 3	14 40	1 7 0	4 38 28	6 18	1 18
3	Tu	14 48 32	10 29 14	14 59	15 32	5 7 27	39 18	4 18
4	W	14 52 29	11 29 27	15 18	29 51	5 16 25	21 18	7 18
5	Th	14 56 25	12 29 41	15 36	13 ^m 54	5 7 21	34 18	10 18
6	F	15 0 22	13 29 56	15 56	27 39	4 40 16	40 18	13 18
7	S	15 4 18	14 30 13	16 12	11 ^x 8	3 57 11	3 18	16 18
8	S	15 8 15	15 30 31	16 30	24 20	3 3 5	3 18	19 18
9	M	15 12 11	16 30 51	16 48	7 18	2 1 1	N 3 18	22 18
10	Tu	15 16 8	17 31 12	17 5	20 2	0 53 7	1 18	26 18
11	W	15 20 5	18 31 35	17 22	2 35	0 N 16	12 38	30 18
12	Th	15 24 1	19 31 59	17 38	14 56	1 23 17	39 18	33 18
13	F	15 27 58	20 32 25	17 54	27 8	2 25 21	54 18	37 18
14	S	15 31 54	21 32 53	18 10	9 13	3 20 25	10 18	40 18
15	S	15 35 51	22 33 22	18 26	21 10	4 2 27	16 18	44 18
16	M	15 39 47	23 33 54	18 41	3 3	4 41 28	7 18	47 18
17	Tu	15 43 44	24 34 27	18 56	14 54	5 3 27	39 18	51 18
18	W	15 47 40	25 35 1	19 11	26 40	5 13 25	57 18	55 18
19	Th	15 51 37	26 35 8	19 25	8 43	5 9 23	5 18	58 18
20	F	15 55 34	27 36 16	19 39	20 48	4 52 19	11 19	1 19
21	S	15 59 30	28 36 56	19 52	3 ^m 8	4 21 14	25 19	4 19
22	S	16 3 27	29 37 38	20 6	15 45	3 36 8	57 19	7 19
23	M	16 7 23	0 38 22	20 18	28 45	2 40 2	56 19	10 19
24	Tu	16 11 20	1 39 7	20 31	12 10	1 33 3	8 24 19	14 19
25	W	16 15 16	2 39 54	20 43	26 8	0 18 9	47 19	17 19
26	Th	16 19 13	3 40 42	20 55	10 ^m 23	1 8 0	15 54 19	21 19
27	F	16 23 9	4 41 32	21 6	25 7	2 16 21	16 19	24 19
28	S	16 27 6	5 42 23	21 16	10 7	3 23 25	21 19	27 19
29	S	16 31 3	6 43 16	21 27	25 17	4 18 27	41 19	31 19
30	M	16 34 59	7 44 9	21 37	10 ^w 25	4 54 27	56 19	35 19

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	0 N 1	15 S 58	4 S 12	27 S 33	0 N 55	11 S 44	28 r 59
4	0 S 1	16 36	4 13	27 40	0 35	13 41	28 49
7	0 2	17 15	4 13	27 41	0 15	15 31	28 40
10	0 4	17 50	4 10	27 40	0 S 5	17 15	28 30
13	0 6	18 26	4 6	27 31	0 25	18 51	28 21
16	0 8	18 59	3 57	27 21	0 44	20 18	28 11
19	0 10	19 33	3 49	27 5	1 3	21 37	28 2
22	0 11	20 3	3 34	26 47	1 20	22 46	27 52
25	0 13	20 33	3 19	26 25	1 36	23 45	27 43
28	0 15	21 0	2 55	26 0	1 49	24 32	27 33

D M	h	♈	♉	♊	♋	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	° ' "	° ' "	° ' "	° ' "	° ' "								
1	11 x 41	8 w 50	13 m 47	24 f 13	3 m 12	☉ * ♈		♂	□				
2	11 R 39	9 0 14	20 25	3 4 51				♂				♂ *	
3	11 38	9 10 15	11 25	53 6 29			*	*	♂ *				*
4	11 37	9 20 15	53 26	42 8 7		☉ Δ ♈				♂ *			
5	11 36	9 30 16	35 27	31 9 45		☿ * ♈	□ *			□		□	
6	11 35	9 40 17	17 28	19 11 23		☿ Δ ♈						*	
7	11 34	9 51 17	59 29	7 13 0			Δ		♂ *				Δ
8	11 34	10 2 18	41 29	53 14 37				□			Δ	□	
9	11 33	10 13 19	23 0 w	38 16 13						□			
10	11 33	10 24 20	6 1	22 17 49		☉ ♂ ☿		Δ					
11	11 32	10 35 20	48 2	5 19 25								Δ	
12	11 32	10 46 21	30 2	47 21 0			♂		*	Δ			
13	11 31	10 57 22	13 3	28 22 35		☿ ♂ ♂					♂		♂
14	11 31	11 8 22	55 4	7 24 10				□					
15	11 D 31	11 20 23	38 4	45 25 45			♂						
16	11 31	11 32 24	21 5	22 27 19		♈ * ♈						♂	
17	11 31	11 43 25	3 5	58 28 53						Δ	♂		
18	11 32	11 55 25	46 6	33 0 f 27			Δ					Δ	Δ
19	11 32	12 6 26	29 7	8 2 1		☉ ♂ ♂							
20	11 33	12 18 27	11 7	41 3 85				Δ					
21	11 33	12 30 27	54 8	12 5 8				□				□	Δ
22	11 34	12 42 28	37 8	41 6 41				□	♂	Δ		□	Δ
23	11 34	12 54 29	20 9	8 8 14			*				*		
24	11 35	13 6 0 f 3	9 33 9 47							□		□	*
25	11 36	13 18 0	46 9	56 11 20		☿ □ ♈		*					
26	11 37	13 30 1	29 10	17 12 53						Δ	*	*	
27	11 38	13 43 2	12 10	36 14 26								♂	
28	11 39	13 55 2	56 10	53 15 58			♂		*				♂
29	11 41	14 8 3	49 11	9 17 30				♂					
30	11 42	14 20 4	22 11	24 19 2		☿ ♂ ♈			□	♂		♂	

DECEMBER XXXI DAYS.

D M	Sun's Semidia			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	''	°	'	°	'	°	'
1	16	15		0 8	6 23 8 9	2 8	5 9 8 5	0 8	15 22 8 55
4	16	15		0 6	23 10	2 5	9 3	0 15	22 51
7	16	16		0 6	23 11	2 4	9 0	0 15	22 47
10	16	16		0 6	23 12	2 4	8 57	0 15	22 43
13	16	16		0 6	23 13	2 3	8 53	0 16	22 37
16	16	16		0 6	23 13	2 3	8 49	0 16	22 33
19	16	17		0 6	23 14	2 2	8 45	0 16	22 27
22	16	17		0 6	23 15	2 2	8 40	0 16	22 23
25	16	17		0 6	23 15	2 1	8 35	0 17	22 16
28	16	17		0 6	23 16	2 1	8 30	0 17	22 10
31	16	17		0 6	23 17	2 1	8 24	0 17	22 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	16 38 56	8 45	3 21 8 47	25 21	5 8	9 26 8 9	19 39
2	W	16 42 52	9 45	59 21	56 9 57	5	4 22 39	19 42
3	Th	16 46 49	10 46	55 22	5 24 11	4	40 17 53	19 46
4	F	16 50 45	11 47	52 22	14 7 59	4	1 12 18	19 49
5	S	16 54 42	12 48	49 22	22 21 23	3	9 6 19	19 53
6	S	16 58 38	13 49	47 22	29 4 24	2	8 0 13	19 57
7	M	17 2 35	14 50	46 22	36 17 8	1	3 5 24	20 1
8	Tu	17 6 32	15 51	46 22	43 29 36	0 N	4 11 24	20 4
9	W	17 11 28	16 52	46 22	49 11 53	1	9 16 31	20 8
10	Th	17 14 25	17 53	47 22	55 24 0	2	11 20 54	20 12
11	F	17 18 21	18 54	48 23	0 6 1 3	3	6 24 28	20 16
12	S	17 22 18	19 55	50 23	5 17 58	3	52 26 47	20 19
13	S	17 26 14	20 56	54 23	9 29 52	4	28 27 56	20 23
14	M	17 30 11	21 57	57 23	13 11 54	4	52 27 48	20 26
15	Tu	17 34 7	22 59	1 23	17 23 36	5	4 26 23	20 30
16	W	17 38 4	0 6	23	20 5 30	5	2 23 47	20 33
17	Th	17 42 1	1 12	23	22 17 29	4	47 20 10	20 37
18	F	17 46 57	2 20	23	24 29 35	4	19 15 40	20 41
19	S	17 49 54	3 27	23	26 11 51	3	39 10 30	20 44
20	S	17 53 50	4 36	23	27 24 24	2	47 4 47	20 48
21	M	17 57 47	5 45	23	28 7 16	1	46 1 8	20 52
22	Tu	18 1 43	0 6	55 23	28 20 32	0	38 7 27	20 56
23	W	18 5 40	1 8	6 23	28 4 15	0 S	35 13 31	21 0
24	Th	18 9 36	2 9	17 23	27 18 28	1	49 19 5	21 3
25	F	18 13 33	3 10	29 23	26 3 8	2	57 23 42	21 7
26	S	18 17 30	4 11	41 23	24 18 12	3	55 26 50	21 11
27	S	18 21 27	5 12	54 23	22 3 30	4	37 28 2	21 15
28	M	18 25 24	6 14	6 23	19 18 52	4	59 27 4	21 18
29	Tu	18 29 21	7 15	19 23	16 4 5	4	59 24 6	21 21
30	W	18 33 18	8 16	32 23	12 19 0	4	39 19 34	21 25
31	Th	18 37 15	9 17	45 23	8 3 29	4	2 14 0	21 28

1818.]

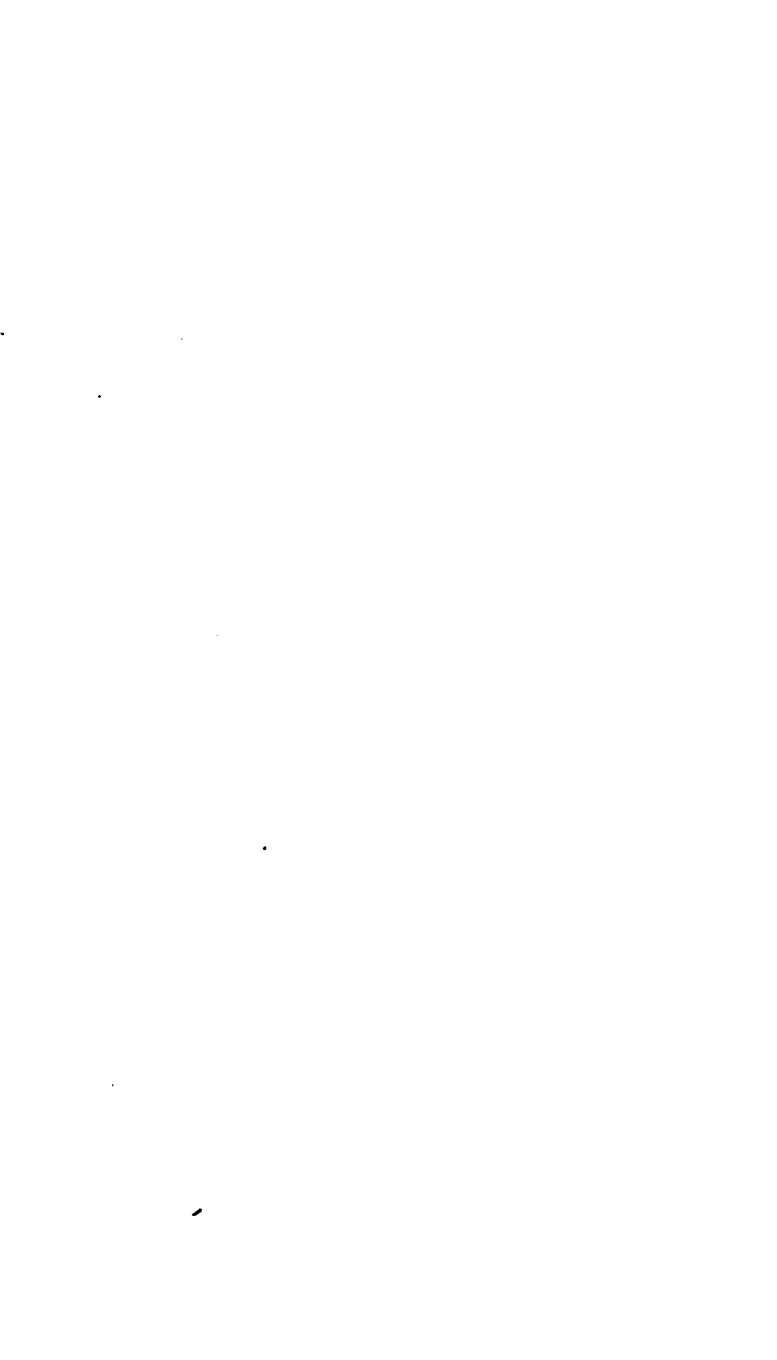
RAPHAEL'S ASTRONOMICAL EPHEMERIS.

26

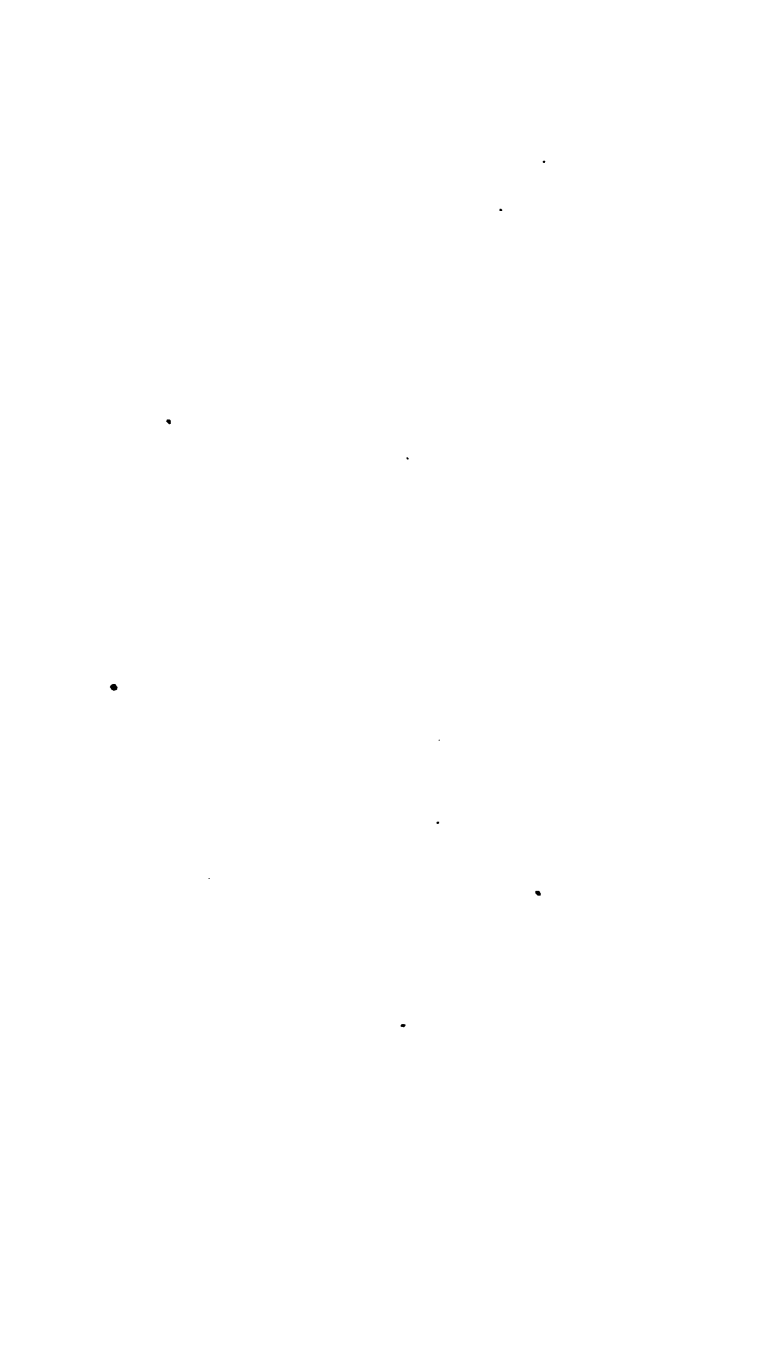
DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 17	21 8 27	28 35	25 8 32	28 1	25 8 9	27 24
4	0 19	21 49	1 59	25 0	2 10	25 33	27 14
7	0 21	22 14	1 35	24 29	2 16	25 44	27 5
10	0 23	22 34	0 58	23 54	2 18	25 42	26 55
13	0 24	22 53	0 17	23 18	2 15	25 26	26 46
16	0 26	23 9	0 N 25	22 26	2 7	24 58	26 36
19	0 28	23 24	1 13	21 59	1 52	24 17	26 27
22	0 29	23 36	2 0	21 14	1 29	23 26	26 17
25	0 31	23 47	2 46	20 46	0 56	22 29	26 8
28	0 33	23 55	3 22	20 5	0 13	21 31	25 58
31	0 34	24 1	3 55	19 30	0 N 40	20 40	25 49

D M	h	♂	♂	♀	♀	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌
	°	'	°	'	°	'						
1	11 44	14 33	5 7	6 11	7 38	20 7 34						
2	11 46	14 45	5 49	11 48	22 6	♀ * h	*				*	
3	11 48	14 58	6 33	11 56	23 38		*					*
4	11 50	15 11	7 16	12 2	25 9	☉ □ h	□	♈		□	*	
5	11 52	15 24	8 0	12 6	26 40		□		*			□
6	11 54	15 37	8 43	12 12	28 11						Δ	
7	11 56	15 50	9 27	12 2	29 42		Δ	Δ		□		□
8	11 59	16 3	10 10	11 55	1 13	♀ * h			*	Δ		Δ
9	12 1	16 10	10 51	11 47	2 43				*			
10	12 4	16 29	11 38	11 37	4 12							
11	12 6	16 42	12 22	11 25	5 40	♂ □ h						
12	12 9	16 55	13 6	11 11	7 7	☉ ☉ h	♈	♈	□		♈	
13	12 12	17 9	13 50	10 55	8 34	♀ ☉ ♀						
14	12 15	17 22	14 34	10 37	9 59				Δ	♈		♈
15	12 18	17 36	15 18	10 16	11 23							
16	12 21	17 49	16 2	9 53	12 45	♀ * h						
17	12 24	18 3	16 46	9 27	14 5			Δ			Δ	
18	12 27	18 16	17 30	8 58	15 23		Δ					
19	12 31	18 30	18 14	8 26	16 38				♈	Δ		Δ
20	12 34	18 44	18 58	7 54	17 49		□	□			□	
21	12 38	18 57	19 43	7 21	18 57	♂ ☉ ♀						□
22	12 42	19 11	20 27	6 47	20 1	♂ ☉ h		*	*		*	□
23	12 46	19 24	21 12	6 12	21 0		*			□	*	
24	12 50	19 38	21 56	5 36	21 52				Δ	*		*
25	12 54	19 52	22 41	5 0	22 37							
26	12 58	20 5	23 25	4 24	23 16	☉ ☉ ♀		♈	□		♈	
27	13 2	20 18	24 10	3 47	23 45		♈		*		♈	♈
28	13 6	20 32	24 54	3 11	24 6				*	♈		
29	13 14	20 46	25 39	2 36	24 16							
30	13 10	21 0	26 23	2 2	24 15			*				
31	13 18	21 14	27 8	1 26	24 3		*				*	*







RAPHAEL'S

ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1819.

(REVISED AND CORRECTED.)



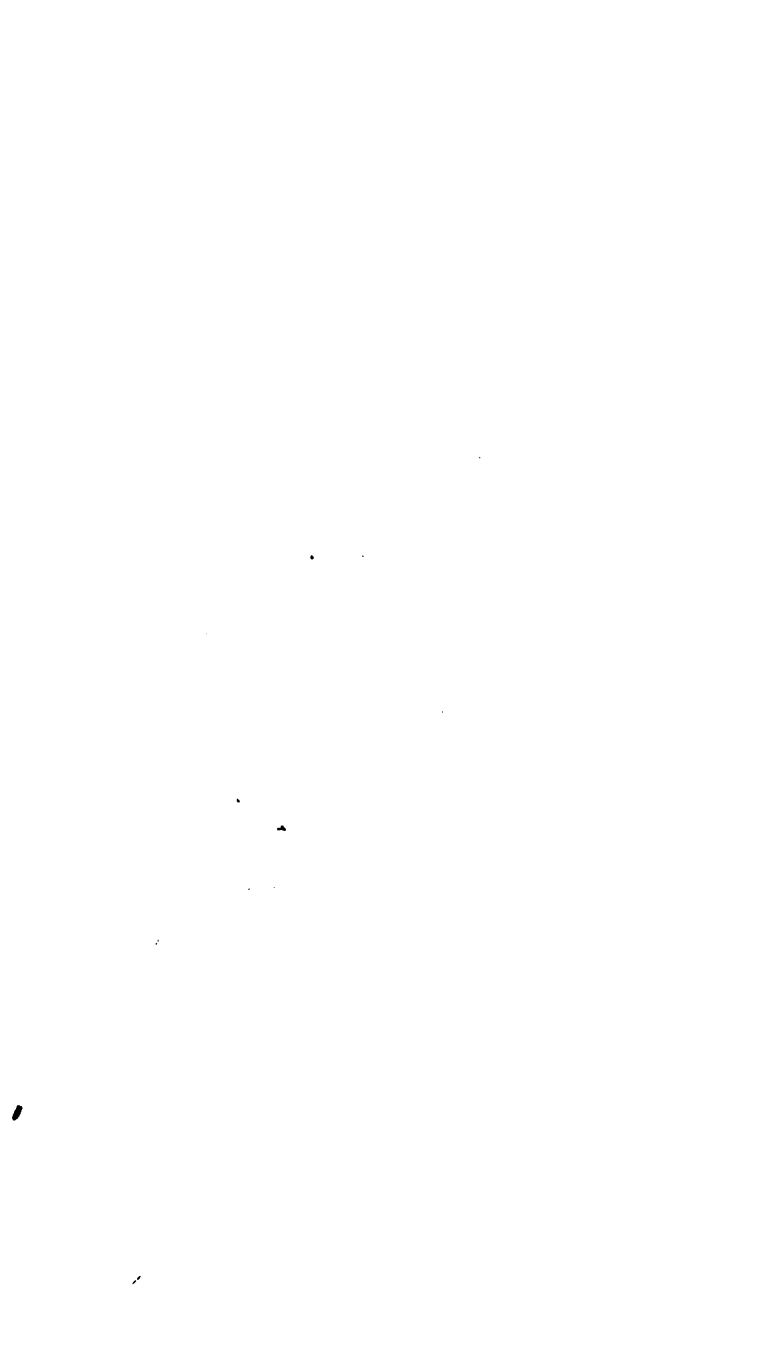
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1883.

Price One Shilling.

(Alm.) 13.



RAPHAEL'S

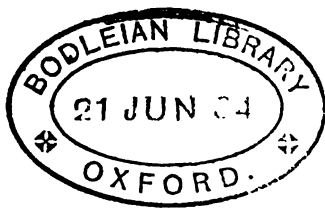
ASTRONOMICAL EPHEMERIS

OF THE

PLANET'S PLACES

For 1819.

(REVISED AND CORRECTED.)



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1883.**

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	0 S 6	23 S 17	2 S 0	8 S 22	0 S 17	22 S 3
4	16	15	0	6	23	18	2	0
7	16	16	0	6	23	19	1	59
10	16	16	0	6	23	20	1	59
13	16	17	0	6	23	20	1	58
16	16	17	0	6	23	21	1	58
19	16	17	0	6	23	21	1	58
22	16	18	0	6	23	22	1	58
25	16	18	0	6	23	22	1	57
28	16	18	0	6	23	22	1	57
31	16	18	0	6	23	23	1	57

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	18 41 12	10 W 18 57	23 S 4	17 x 28	3 S 11	7 S 52	21 7 31
2	S	18 45 9	11 20 9	22 59	0 7 58	2 11 1	37	21 34
3	S	18 49 5	12 21 20	22 58	14 1	1 5	4 N 32	21 38
4	M	18 53 2	13 22 31	22 48	26 40	0 N 1	10 19	21 41
5	Tu	18 56 59	14 23 42	22 41	9 2	1 6	15 34	21 44
6	W	19 0 55	15 24 52	22 34	21 11	2 7	20 7	21 47
7	Th	19 4 52	16 26 1	22 27	3 10	3 1	23 46	21 51
8	F	19 8 48	17 27 11	22 20	15 4	3 47	26 23	21 54
9	S	19 11 45	18 28 19	22 11	26 56	4 22	27 48	21 57
10	S	19 16 41	19 29 28	22 3	8 48	4 46	27 56	22 1
11	M	19 20 38	20 30 35	21 54	20 41	4 58	26 47	22 5
12	Tu	19 24 34	21 31 43	21 44	2 37	4 57	24 24	22 8
13	W	19 28 31	22 32 50	21 34	14 37	4 42	20 57	22 12
14	Th	19 32 28	23 33 56	21 24	26 43	4 15	16 37	22 15
15	F	19 36 24	24 35 2	21 14	8 55	3 36	11 34	22 19
16	S	19 40 21	25 36 8	21 3	21 16	2 46	6 0	22 22
17	S	19 44 17	26 37 14	20 51	3 50	1 47	0 6	22 26
18	M	19 48 14	27 38 19	20 39	16 40	0 41	5 S 55	22 29
19	Tu	19 52 10	28 39 24	20 27	29 50	0 S 28	11 52	22 32
20	W	19 56 7	29 40 28	20 14	13 23	1 38	17 26	22 35
21	Th	20 0 3	0 m 41	20 1	27 21	2 44	23 16	22 37
22	F	20 4 0	1 42 35	19 48	11 46	3 42	25 54	22 40
23	S	20 7 57	2 43 38	19 34	26 35	4 26	27 51	22 43
24	S	20 11 53	3 44 40	19 20	11 42	4 58	27 48	22 46
25	M	20 15 50	4 45 42	19 6	26 57	5 0	25 41	22 49
26	Tu	20 19 46	5 46 43	18 51	12 10	4 45	21 44	22 52
27	W	20 23 42	6 47 43	18 36	27 10	4 11	16 24	22 55
28	Th	20 27 39	7 48 41	18 20	11 46	3 21	10 15	22 58
29	F	20 31 36	8 49 39	18 4	25 56	2 19	3 45	23 1
30	S	20 35 33	9 50 35	17 48	9 34	1 12	2 N 41	23 3
31	S	20 39 29	10 51 29	17 32	22 44	0 3	8 48	23 6

JANUARY XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
08 35	24 8 2	4 N 19	19 8 8	1 N 0	20 8 24	25 r 45
0 37	24 4	4 49	18 38	1 59	19 51	25 35
0 39	24 5	5 19	18 8	2 47	19 32	25 26
0 41	24 3	5 35	17 57	3 16	19 30	25 16
0 42	23 59	5 52	17 34	3 25	19 40	25 7
0 44	23 53	5 59	17 17	3 14	19 57	24 57
0 45	23 43	6 4	17 22	2 52	20 21	24 48
0 47	23 31	6 3	17 26	2 23	20 47	24 38
0 49	23 19	5 59	17 28	1 51	21 12	24 29
0 50	23 3	5 51	17 36	1 20	21 31	24 19
0 51	22 44	5 41	17 46	0 49	21 44	24 10

h	μ	♂	♀	♂	Mutual	Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♊	♋	♌	♍
° /	° /	° /	° /	° /								
13 x 23	21 w 29	27 f 53	0 w 56	23 w 39			☐	♈	*			*
13 27 21	43 28	88 0	22 23	5 5	♀ ♂ ♂			♈	*	☐	☐	
13 32 21	57 29	23 29	f 50	22 19	♂ ♂ μ	☐						
13 37 22	11 0 w	8 29	21 21	20	☉ * h	Δ	Δ		☐	Δ	Δ	☐
13 42 22	25 0	53 28	55 20	12		Δ		*				
13 47 22	39 1	38 28	32 18	58					Δ			Δ
13 52 22	53 2	23 28	12 17	40								
13 57 23	7 3	8 27	54 16	20	☉ ♂ ♀			☐				
14 2 23	21 3	53 27	38 15	1			♂				♂	♂
14 7 23	35 4	38 27	24 13	44	♂ * h			Δ		♂	♂	♂
14 12 23	49 5	23 27	11 12	32		♂			♂			
14 18 24	3 6	8 27	0 11	27								
14 24 24	18 6	54 26	50 10	30								
14 29 24	32 7	39 26	33 9	41	♂ ♂ ♂		Δ			Δ	Δ	
14 35 24	46 8	25 26	29 9	3	☉ ♂ μ			♂		Δ	Δ	
14 40 25	0 9	10 26	D 29	8 37		Δ	☐		Δ		☐	
14 46 25	14 9	56 26	32 8	20								☐
14 52 25	28 10	41 26	38 8	10			*				☐	
14 58 25	42 11	27 26	58 8	D 7		☐		Δ		☐	*	*
15 4 25	56 12	12 27	10 8	12				Δ		*	*	*
15 10 26	10 12	58 27	23 8	26		*			*			
15 16 26	24 13	43 27	37 8	50				☐				
15 22 26	38 14	28 27	52 9	19			♈				♈	
15 28 26	52 15	15 28	8 9	52	♂ * h			*		♈	♈	
15 34 27	7 16	1 28	26 10	30					♈	♈		
15 40 27	22 16	46 28	47 11	12		♈						
15 46 27	35 17	32 29	10 11	58			*				*	
15 52 27	49 18	18 29	35 12	47				♈			*	
15 59 28	3 19	4 0 w	3 13	41			☐		*	*	☐	
16 5 28	17 19	50 0	33 14	38		*				*		☐
16 11 28	31 20	36 1	5 15	37			Δ		☐	☐		

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	16 15	0 8 6	23 S 23	1 8 57	7 S 12	0 8 20	20 S 46
4	16 15	0 6	23 24	1 57	7 4	0 20	20 38
7	16 14	0 6	23 24	1 56	6 56	0 21	20 29
10	16 14	0 6	23 25	1 56	6 48	0 21	20 20
13	16 13	0 6	23 25	1 56	6 40	0 22	20 11
16	16 12	0 6	23 25	1 56	6 32	0 22	20 2
19	16 11	0 6	23 25	1 56	6 23	0 22	19 54
22	16 11	0 6	23 26	1 56	6 15	0 22	19 45
25	16 10	0 6	23 26	1 56	6 6	0 23	19 36
28	16 10	0 6	23 26	1 56	5 58	0 23	19 27

D M	D W	Sidereal Time.	☉ Long.			☉ Declin			♂ Long.			♂ Lat.			♂ Declin			♃ Long.		
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	M	20 43 26	11 ^m 52	23		17 S 15			5 29			1 N 4	14 N 22		23	1	8			
2	Tu	20 47 22	12 53	14		16 58			17 53			2 7	19 18		23	10				
3	W	20 51 19	13 54	4		16 40			0 1			3 2	23 8		23	13				
4	Th	20 55 15	14 54	53		16 23			11 59			3 48	26 1		23	15				
5	F	20 59 12	15 55	40		16 5			23 51			4 24	27 43		23	18				
6	S	21 3 8	16 56	25		15 47			5 41			4 49	28 9		23	21				
7	S	21 7 5	17 57	9		15 28			17 33			5 1	27 17		23	23				
8	M	21 11 1	18 57	51		15 9			29 29			5 0	25 10		23	25				
9	Tu	21 14 53	19 58	32		14 50			11 31			4 46	21 54		23	28				
10	W	21 18 55	20 59	12		14 31			23 40			4 18	17 42		23	30				
11	Th	21 22 51	21 59	50		14 12			5 57			3 39	12 44		23	33				
12	F	21 26 48	23 0	27		13 52			18 22			2 48	7 11		23	35				
13	S	21 30 44	24 1	2		13 32			0 57			1 49	1 17		23	37				
14	S	21 34 41	25 1	36		13 12			13 43			0 43	4 S 46		23	40				
15	M	21 38 37	26 2	9		12 51			26 43			0 8	27 10		23	42				
16	Tu	21 42 34	27 2	41		12 31			9 57			1 36	16 19		23	44				
17	W	21 46 30	28 3	11		12 10			23 28			2 42	21 16		23	46				
18	Th	21 50 27	29 3	40		11 49			7 19			3 40	25 9		23	48				
19	F	21 54 24	0 4	7		11 28			21 29			4 25	27 36		23	50				
20	S	21 58 20	1 4	34		11 6			5 57			4 55	28 15		23	52				
21	S	22 2 17	2 4	59		10 45			20 40			5 7	26 55		23	53				
22	M	22 6 13	3 5	22		10 23			5 33			4 58	23 43		23	55				
23	Tu	22 10 10	4 5	44		10 1			20 25			4 28	18 55		23	57				
24	W	22 14 6	5 6	5		9 39			5 10			3 41	18 4		23	59				
25	Th	22 18 3	6 6	23		9 17			19 39			2 41	6 34		24	1				
26	F	22 21 59	7 6	40		8 55			3 45			1 32	0 N 5		24	2				
27	S	22 25 56	8 6	55		8 32			17 26			0 19	6 33		24	4				
28	S	22 29 53	9 7	8		8 10			0 41			0 N 52	12 32		24	5				

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	
1	08 52	22 37	5 N 38	17 S 48	0 N 39	21 S 46	24 r 7
4	0 54	22 15	5 28	17 58	0 11	21 47	23 57
7	0 55	21 53	5 14	18 8	0 S 16	21 38	23 48
0	0 57	21 27	5 0	18 16	0 40	21 19	23 38
3	0 58	21 0	4 44	18 23	1 2	20 48	23 29
6	1 0	20 31	4 29	18 28	1 21	20 6	23 19
9	1 1	19 58	4 11	18 31	1 37	19 12	23 10
2	1 2	19 23	3 55	18 30	1 50	18 6	23 0
5	1 3	18 48	3 35	18 27	2 0	16 48	22 50
8	1 4	18 8	3 18	18 21	2 7	15 18	22 41

h	Long.	Long.	Long.	Long.	Long.	Mutual Aspts.	Lunar Aspects.						
							☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
16	18	23	45	21	22	1	39	16	41	♈	*	♈	Δ
16	24	28	59	22	8	2	13	17	44	☐	*	Δ	Δ
16	31	20	13	22	54	2	48	18	52	Δ	Δ		
16	38	29	27	23	40	3	24	20	4	Δ	☐		
16	45	29	41	24	26	4	1	21	16	♈			
16	52	29	55	25	12	4	39	22	29			♈	
16	59	0	9	25	58	5	16	23	44		Δ	♈	
17	6	0	23	26	44	5	57	25	1		♈	♈	♈
17	13	0	37	27	30	6	39	26	19	♈	Δ		
17	20	0	51	28	16	7	22	27	38	♈	Δ		
17	27	1	5	29	2	8	6	28	59	♈	♈		Δ
17	34	1	18	29	48	8	51	0	21	☐	♈		
17	41	1	31	0	35	9	37	1	44	☉	*	♈	Δ
17	48	1	45	1	21	10	24	3	8	♈	♈	☐	
17	55	1	58	2	8	11	12	4	34	♈	♈	☐	
18	2	2	12	2	54	12	1	6	1			*	☐
18	9	2	25	3	41	12	51	7	29	☐		Δ	
18	16	2	39	4	27	13	41	8	58		♈	*	*
18	23	2	52	5	14	14	32	10	28	♈	☐		*
18	30	3	6	6	0	15	24	11	59	*			
18	37	3	19	6	47	16	16	13	31		*	♈	♈
18	44	3	32	7	33	17	9	15	3		♈	♈	♈
18	51	3	45	8	20	18	3	16	37		*		♈
18	58	3	58	9	6	18	58	18	12	♈	*	♈	
19	6	4	11	9	53	19	53	19	47	☐	♈		*
19	13	4	24	10	39	20	48	21	24			*	
19	21	4	37	11	26	21	44	23	2			*	☐
19	28	4	50	12	12	22	41	24	41	♈	*	☐	*

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	08	7	23	56	08	23
4	16	9	0	7	23	56	0	23
7	16	8	0	7	23	56	0	24
10	16	8	0	7	23	56	0	24
13	16	7	0	7	23	56	0	25
16	16	6	0	7	23	56	0	25
19	16	5	0	7	23	56	0	26
22	16	4	0	7	23	56	0	26
25	16	3	0	7	23	56	0	27
28	16	3	0	7	23	56	0	27
31	16	2	0	7	23	56	0	27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☿ Long.	☿ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	22 33 49	10 7 18	7 8 47	13 8 31	1 N 59	17 N 48	24 7
2	Tu	22 37 46	11 7 27	7 24 26	0	2 58	22 10	24 9
3	W	22 41 42	12 7 38	7 1 8	12	3 48	25 27	24 10
4	Th	22 45 39	13 7 37	6 38 20	18	4 27	27 33	24 12
5	F	22 49 35	14 7 39	6 15 25	6	4 54	28 21	24 13
6	S	22 53 32	15 7 39	5 52 13	58	5 8	27 51	24 14
7	S	22 57 28	16 7 37	5 29 25	51	5 10	26 4	24 16
8	M	23 1 25	17 7 32	5 5 7	50	4 57	23 7	24 17
9	Tu	23 5 22	18 7 25	4 42 19	58	4 31	19 9	24 18
10	W	23 9 18	19 7 16	4 19 2	16	3 53	14 18	24 19
11	Th	23 13 15	20 7 5	3 55 14	45	3 3	8 49	24 20
12	F	23 17 11	21 6 53	3 32 27	28	2 2	2 52	24 21
13	S	23 21 8	22 6 38	3 8 10	23	0 55	38 16	24 22
14	S	23 25 4	23 6 21	2 44 23	30	0 8	17 9	24 23
15	M	23 29 1	24 6 2	2 21 6	49	1 29	15 13	24 24
16	Tu	23 32 57	25 5 42	1 57 20	21	2 37	20 23	24 25
17	W	23 36 54	26 5 19	1 33 4	4	3 37	24 32	24 25
18	Th	23 40 51	27 4 56	1 10 18	0	4 25	27 19	24 26
19	F	23 44 47	28 4 30	0 46 2	5	4 59	28 26	24 26
20	S	23 48 44	29 4 3	0 22 16	20	5 14	27 39	24 27
21	S	23 52 40	0 7 34	0 N 1	0	5 10	25 3	24 27
22	M	23 56 37	1 3 3	0 25 15	7	4 46	20 52	24 27
23	Tu	0 0 33	2 2 31	0 49 29	31	4 4	15 29	24 28
24	W	0 4 30	3 1 57	1 12 13	48	3 8	9 16	24 28
25	Th	0 8 26	4 1 21	1 36 27	54	2 0	2 41	24 28
26	F	0 12 23	5 0 43	2 0 11	48	0 47	3 N 55	24 29
27	S	0 16 19	6 0 2	2 23 25	13	0 N 27	10 11	24 29
28	S	0 20 16	6 59 20	2 47 8	23	1 38	15 52	24 29
29	M	0 24 13	7 58 35	3 10 21	13	2 43	20 42	24 29
30	Tu	0 28 9	8 57 49	3 33 3	44	3 36	24 29	24 29
31	W	0 32 6	9 56 59	3 57 15	59	4 23	27 4	24 29

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 5	17 8 58	3 N 11	18 8 16	2 S 8	14 8 45	22 r 38
4	1 6	17 18	2 56	18 3	2 10	12 59	22 29
7	1 7	16 37	2 36	17 44	2 8	11 2	22 19
10	1 8	15 54	2 20	17 30	2 1	8 52	22 10
13	1 9	15 11	2 1	16 57	1 50	6 32	22 0
16	1 9	14 25	1 45	16 24	1 35	4 1	21 51
19	1 10	13 38	1 27	15 53	1 14	1 20	21 41
22	1 11	12 51	1 12	15 12	0 48	1 N 27	21 32
25	1 12	12 1	0 53	14 32	0 19	4 18	21 22
28	1 12	11 11	0 40	13 42	0 N 13	4 8	21 13
31	1 12	10 20	0 23	12 50	0 49	9 52	21 3

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	19 x 36	5 m 3 12 x 59	23 v 38	26 m 21			*	*		□		
2	19 43	5 16 13	45 24	35 28	2						Δ	□
3	19 50	5 29 14	32 25	33 29	44		□			Δ		
4	19 58	5 41 15	18 26	32 1 x 28				♄	□		Δ	
5	20 6	5 54 16	5 27	31 3	13							Δ
6	20 12	6 7 16	52 28	30 4	58		Δ					
7	20 20	6 19 17	39 29	30 6	44				Δ			♄
8	20 27	6 31 18	25 0 m 30	8 31						♄		
9	20 34	6 44 19	12 1	31 10	20			Δ			♄	
10	20 42	6 56 19	58 2	32 12	10							
1	20 49	7 8 20	45 3	33 14	1		♄	♄				♄
2	20 56	7 20 21	32 4	34 15	53	☉ ☿ h		□				
3	21 4	7 32 22	19 5	35 17	46	☿ ☿ ♄				Δ	Δ	
4	21 11	7 44 23	5 6	37 19	40	☿ ☿ h	*			Δ		
5	21 19	7 56 23	52 7	39 21	35	☉ ☉ h		□		□	□	
6	21 26	8 7 24	38 8	42 23	32	♄ * h	Δ		Δ		□	Δ
7	21 34	8 19 25	25 9	45 25	30	☿ ☉ h				*	*	
8	21 41	8 31 26	12 10	48 27	29	☉ ☿ ♄		♄	□			
9	21 49	8 42 26	59 11	51 29	28		□				*	□
10	21 56	8 54 27	45 12	55 1 r 28					*			
1	22 3 9	5 28	32 13	59 3	29		*					*
2	22 11 9	16 29	19 15	4 5	31				♄		♄	
3	22 18 9	28 0 x	6 16	8 7	33			*		♄		
4	22 26 9	39 0	53 17	12 9	35							
5	22 33 9	50 1	40 18	17 11	36		♄	□	♄			
6	22 40 10	1 2	26 19	22 13	37					*		♄
7	22 47 10	12 3	13 20	28 15	37			Δ			*	
8	22 55 10	22 3	59 21	33 17	37					□	*	
9	23 2 10	33 4	46 22	39 19	35				*			□
10	23 10 10	44 5	33 23	45 21	31							
1	23 17 10	54 6	20 24	51 23	25	☿ * h	*			Δ		

APRIL XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.							
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	/	"	°	'	°	'	°	'						
1	16	1	08	7	18	57	48	25	08	28	17	55		
4	16	0	0	7	23	28	1	57	4	17	0	28	17	48
7	15	59	0	7	23	28	1	58	4	9	0	29	17	40
10	15	58	0	7	23	28	1	58	4	1	0	29	17	33
13	15	58	0	7	23	28	1	59	3	53	0	30	17	26
16	15	57	0	7	23	28	1	59	3	46	0	31	17	19
19	15	56	0	7	23	28	2	0	3	38	0	31	17	12
22	15	56	0	7	23	28	2	0	3	31	0	32	17	5
25	15	55	0	7	23	28	2	0	3	23	0	33	16	59
28	15	54	0	7	23	28	2	0	3	16	0	33	16	53

D M	D W	Sidereal Time.	☉			☉		♂		♂		♂		♂ Long.
		H. M. S.	°	'	"	°	'	°	'	°	'	°	'	°
1	Th	0 36 2	10	56	8	4	N 20	21	11 2	4	N 53	28	N 20	24 29
2	F	0 39 59	11	55	14	4	43	9	58	5	11 28	16		24 29
3	S	0 43 55	12	54	18	5	6	21	51	5	16 26	53		24 29
4	S	0 47 52	13	53	19	5	29	3	45	5	8 24	19		24 29
5	M	0 51 48	14	52	18	5	52	15	46	4	46 20	40		24 28
6	Tu	0 55 45	15	51	15	6	15	27	56	4	11 16	8		24 28
7	W	0 59 42	16	50	9	6	37	10	21	3	24 10	50		24 28
8	Th	1 3 38	17	49	2	7	0	23	1	2	26 5	1		24 28
9	F	1 7 35	18	47	52	7	22	5	58	1	19 18	10		24 27
10	S	1 11 31	19	46	40	7	45	19	13	0	6 7	27		24 27
11	S	1 15 28	20	45	26	8	7	2	44	1	8 13	13	30	24 26
12	M	1 19 24	21	44	10	8	28	16	30	2	20 19	2		24 26
13	Tu	1 23 21	22	42	52	8	51	0	29	3	25 23	37		24 25
14	W	1 27 17	23	41	33	9	12	14	36	4	17 26	50		24 24
15	Th	1 31 14	24	40	12	9	34	28	48	4	55 28	23		24 24
16	F	1 35 11	25	38	49	9	55	13	3	5	14 28	2		24 23
17	S	1 39 7	26	37	25	10	17	27	18	5	14 25	52		24 22
18	S	1 43 4	27	36	0	10	38	11	29	4	55 22	5		24 21
19	M	1 47 0	28	34	32	10	59	25	34	4	19 17	5		24 20
20	Tu	1 50 57	29	33	3	11	20	9	32	3	27 11	12		24 18
21	W	1 54 53	0	31	33	11	41	23	21	2	24 4	51		24 17
22	Th	1 58 50	1	30	1	12	1	6	58	1	13 1	N 39		24 16
23	F	2 2 46	2	28	27	12	21	20	22	0	N 0	7	58	24 15
24	S	2 6 43	3	26	51	12	41	3	33	1	12 13	51		24 14
25	S	2 10 40	4	25	14	13	0	16	28	2	19 19	1		24 13
26	M	2 14 36	5	23	34	13	20	29	9	3	18 23	13		24 12
27	Tu	2 18 33	6	21	53	13	39	11	35	4	6 26	15		24 10
28	W	2 22 29	7	20	10	13	59	23	49	4	42 28	1		24 8
29	Th	2 26 26	8	18	24	14	17	5	52	5	5 28	25		24 7
30	F	2 30 22	9	16	37	14	36	17	48	5	15 27	29		24 5

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	18 13	108 2	0 N 17	128 36	1 N 1	10 N 45	20 r 59
4	1 13	9 10	0 4	11 39	1 35	18 10	20 49
7	1 14	8 17	0 8 10	10 42	2 6	18 15	20 40
10	1 14	7 24	0 21	9 39	2 31	16 56	20 30
13	1 14	6 30	0 35	8 36	2 49	18 11	20 21
16	1 14	5 36	0 45	7 25	2 57	19 0	20 11
19	1 15	4 41	0 57	6 19	2 55	19 21	20 2
22	1 15	3 46	1 6	5 4	2 41	19 15	19 52
25	1 15	2 51	1 15	3 53	2 15	18 43	19 43
28	1 15	1 56	1 22	2 36	1 39	17 48	19 33

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
1	23 x 24	11 m 4	7 x 7	25 m 57	25 r 16	☉ * ♄		♈	☐			Δ *
2	23 31	11 14	7 53	27 3	27 6		☐	♈			Δ	*
3	23 36	11 24	8 40	28 10	28 51				Δ			
4	23 46	11 34	9 27	29 17	0 x 31							☐
5	23 52	11 44	10 13	0 x 24	2 7		Δ			♈		
6	23 59	11 54	11 0	1 31	3 40			Δ			♈	
7	24 6	12 4	11 47	2 38	5 10						♈	Δ
8	24 13	12 14	12 33	3 45	6 35			☐	♈			
9	24 20	12 23	13 20	4 53	8 53					Δ		
10	24 27	12 32	14 7	6 0	9 5		♈	*				
11	24 34	12 41	14 53	7 8	10 12							Δ
12	24 41	12 50	15 40	8 15	11 14					☐	Δ	♈
13	24 48	12 59	16 27	9 23	12 10				Δ			
14	24 55	13 8	17 13	10 31	13 0	♂ ☐ ♄				*	☐	☐
15	25 2	13 16	17 59	11 39	13 44	☉ Δ ☿	Δ	☉	☐			
16	25 9	13 25	18 46	12 47	14 22						*	*
17	25 16	13 33	19 33	13 55	14 54		☐		*			Δ
18	25 23	13 42	20 19	14 19	15 20					☉		☐
19	25 29	13 50	21 6	15 12	15 41		*	*				
20	25 36	13 58	21 52	16 21	15 55							*
21	25 43	14 6	22 39	17 30	16 3			☐	☉		☉	☉
22	25 49	14 13	23 25	18 39	16 6							
23	25 56	14 21	24 12	19 48	16 3	♈ ☐ ☿		Δ		*		
24	26 2	14 29	24 58	20 57	15 55		☉					
25	26 8	14 36	25 44	21 6	15 41	♈ ☉ ♈				☐		☉
26	26 14	14 43	26 30	22 15	15 22	♀ ☐ ☿			*		*	*
27	26 20	14 50	27 17	23 24	14 59						Δ	
28	26 26	14 56	28 3	24 34	14 32	♀ ☉ ♈		♈	☐		☐	☐
29	26 32	15 3	28 49	25 43	14 2		*					
30	26 38	15 10	29 36	26 52	13 29							*

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	54	0 8	23 8 28	2 8	1 3 8 9	0 8 34	16 8 49
4	15	54	0 8	23 28	2 1	3 3	0 34	16 44
7	15	53	0 8	23 28	2 2	2 56	0 35	16 40
10	15	52	0 8	23 27	2 3	2 50	0 35	16 36
13	15	51	0 8	23 27	2 4	2 44	0 36	16 32
16	15	51	0 8	23 27	2 4	2 38	0 37	16 29
19	15	50	0 8	23 27	2 5	2 33	0 38	16 26
22	15	50	0 8	23 26	2 5	2 28	0 38	16 24
25	15	49	0 8	23 26	2 6	2 23	0 39	16 23
28	15	49	0 8	23 26	2 6	2 18	0 39	16 22
31	15	48	0 8	23 26	2 7	2 13	0 40	16 21

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♃ Long. ° ' "	♃ Lat. ° ' "	♃ Declin. ° ' "	♃ Long. ° ' "
1	S	2 34 19	10 14 48	14 N 54	29 54 40	5 N 10	25 N 18	24 1 4
2	S	2 38 15	11 12 57	15 18 11	12 35	4 53	22 1	24 3 3
3	M	2 42 12	12 11 3	15 31 23	24 4	23 17	48	24 2
4	Tu	2 46 9	13 9 8	15 48 5	24 3	41 12	50	24 0
5	W	2 50 5	14 7 11	16 6 18	10 2	47 7	15	23 58
6	Th	2 54 2	15 5 12	16 23 0	55 1	44 1	14	23 56
7	F	2 57 58	16 3 11	16 40 14	1 0	34 5	8 1	23 54
8	S	3 1 55	17 1 8	16 56 27	30 0	8 40	11 13	23 52
9	S	3 5 52	17 59 4	17 18 11	21 1	53 17	3	23 50
10	M	3 9 48	18 56 58	17 29 25	32 3	1 22	6	23 49
11	Tu	3 13 44	19 54 51	17 44 9	59 3	59 25	55	23 47
12	W	3 17 41	20 52 42	18 0 24	34 4	42 28	3	23 45
13	Th	3 21 38	21 50 32	18 15 9	12 5	6 28	14	23 43
14	F	3 25 34	22 48 21	18 30 23	46 5	11 26	28	23 41
15	S	3 29 31	23 46 9	18 44 8	11 4	56 23	0	23 39
16	S	3 33 27	24 43 55	18 58 22	24 4	23 18	12	23 37
17	M	3 37 24	25 41 41	19 12 6	21 3	35 12	31	23 34
18	Tu	3 41 20	26 39 25	19 26 20	4 2	35 6	19	23 32
19	W	3 45 17	27 37 9	19 39 3	31 1	28 0	N 3	23 30
20	Th	3 49 13	28 34 52	19 52 16	45 0	17 6	20	23 28
21	F	3 53 10	29 32 34	20 5 29	46 0	N 53	12 14	23 26
22	S	3 57 7	0 30 14	20 17 12	35 2	0 17	32	23 24
23	S	4 1 3	1 27 53	20 29 25	12 2	59 21	59	23 21
24	M	4 5 0	2 25 32	20 40 7	39 3	49 25	23	23 19
25	Tu	4 8 56	3 23 8	20 51 19	56 4	28 27	32	23 17
26	W	4 12 53	4 20 44	21 2 25	3 4	54 28	20	23 14
27	Th	4 16 49	5 18 19	21 13 14	3 5	6 27	48	23 12
28	F	4 20 46	6 15 52	21 23 25	57 5	5 25	59	23 10
29	S	4 24 42	7 13 24	21 32 7	48 4	51 23	2	23 7
30	S	4 28 39	8 10 54	21 42 19	41 4	25 19	7	23 5
31	M	4 32 36	9 8 23	21 51 1	39 3	47 14	25	23 3

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Decl'n.	Lat.	Declin.
1	15	48	0 8	23 8 25	2 8	2 8 13	0 8 41	16 8 21
4	15	48	0 8	23 25	2 8	2 9	0 41	16 21
7	15	47	0 8	23 25	2 9	2 5	0 42	16 22
10	15	47	0 8	23 24	2 10	2 2	0 43	16 23
13	15	46	0 8	23 24	2 11	1 59	0 44	16 25
16	15	46	0 8	23 23	2 11	1 57	0 44	16 27
19	15	46	0 8	23 23	2 12	1 54	0 45	16 30
22	15	46	0 8	23 22	2 13	1 52	0 46	16 33
25	15	46	0 8	23 22	2 14	1 50	0 47	16 37
28	15	45	0 8	23 22	2 14	1 48	0 47	16 41

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	4 36 32	10 11 5 51	21 N 59	13 47	2 N 58	9 N 7	23 1
2	W	4 40 29	11 3 18	22 8 26	10 1	59 3	21 23	23 59
3	Th	4 44 25	12 0 44	22 15 8	53 0	54 2	8 42	23 56
4	F	4 48 22	12 58 8	22 23 22	1 0	8 16	8 50	22 54
5	S	4 52 18	13 55 31	22 30 5	34 1	23 14	46	22 51
6	S	4 56 15	14 52 54	22 36 19	36 2	36 20	9	22 49
7	M	5 0 11	15 50 14	22 43 4	2 3	37 24	32	22 47
8	Tu	5 4 8	16 47 34	22 49 18	50 4	24 27	23	22 44
9	W	5 8 5	17 44 54	22 54 3	49 4	54 28	18	22 41
10	Th	5 12 1	18 42 13	22 59 18	52 5	4 27	9	22 39
11	F	5 15 58	19 39 32	23 4 8	49 4	53 24	4	22 37
12	S	5 19 54	20 36 49	23 8 18	31 4	23 19	27	22 34
13	S	5 23 51	21 34 7	23 12 2	54 3	37 13	49	22 31
14	M	5 27 47	22 31 24	23 15 16	54 2	28 7	37	22 29
15	Tu	5 31 44	23 28 41	23 18 0	32 1	32 1	12	22 26
16	W	5 35 40	24 25 58	23 21 13	50 0	23 5 N	7	22 23
17	Th	5 39 37	25 23 15	23 22 26	49 0	N 46	11	4
18	F	5 43 34	26 20 32	23 25 9	33 1	51 16	27	22 19
19	S	5 47 30	27 17 48	23 26 22	5 2	50 21	3	22 17
20	S	5 51 27	28 15 4	23 27 4	27 3	40 24	39	22 15
21	M	5 55 23	29 12 20	23 28 16	40 4	18 27	5	22 13
22	Tu	5 59 20	0 9 36	23 28 28	46 4	45 28	13	22 11
23	W	6 3 16	1 6 51	23 28 10	56 4	59 27	59	22 9
24	Th	6 7 13	2 4 6	23 27 22	41 4	59 26	28	22 7
25	F	6 11 9	3 1 20	23 26 4	33 4	47 23	47	22 4
26	S	6 15 6	3 58 34	23 24 16	24 4	22 20	6	22 3
27	S	6 19 3	4 55 48	23 22 28	16 3	48 15	37	22 0
28	M	6 22 59	5 53 1	23 20 10	13 2	59 10	30	21 57
29	Tu	6 26 56	6 50 14	23 17 22	20 2	4 4	57	21 54
30	W	6 30 52	7 47 26	23 14 4	40 1	2 0	56	21 51

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 8	8 N 14	18 53	11 N 54	38 24	13 N 22	17 45
4	1 7	9 4	1 51	13 4	3 8	14 35	17 35
7	1 6	9 53	1 48	14 12	2 46	15 57	17 26
10	1 5	10 40	1 45	15 16	2 19	17 25	17 16
13	1 3	11 28	1 41	16 19	1 49	18 54	17 7
16	1 1	12 14	1 36	17 16	1 16	20 22	16 57
19	1 0	12 59	1 31	18 13	0 42	21 44	16 48
22	0 59	13 42	1 26	19 3	0 8	22 54	16 38
25	0 57	14 25	1 20	19 52	0 N 25	23 48	16 29
28	0 55	15 5	1 14	20 33	0 54	24 21	16 19

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♊	♋	♌
	°	'	°	'	°	'							
1	29 22	17 11	23 54	6 25	15 54		☐						Δ
2	29 26	17 12	24 39	7 36	16 53	☿ ☐ ♄		☐	♊				
3	29 30	17 12	25 24	8 47	17 7		Δ						
4	29 34	17 12	26 8	9 58	17 22			*		Δ	♊		
5	29 37	17 12	26 53	11 9	17 39							♊	
6	29 41	17 12	27 38	12 21	18 58						☐		♊
7	29 44	17 12	28 22	13 33	19 18					Δ			
8	29 48	17 12	29 6	14 44	20 42	☉ Δ ♄	♊	♋		*			
9	29 51	17 11	29 51	15 56	21 9				☐		Δ		
10	29 54	17 10	30 35	17 7	21 40	♀ ☐ ♄						Δ	
11	29 57	17 9	1 20	18 19	22 14	♀ * ♄			*		☐		Δ
12	0 0	17 8	2 4	19 30	0 50		Δ	*		♋		☐	
13	0 3	17 7	2 48	20 42	2 28						*		☐
14	0 6	17 5	3 32	21 53	4 9	☉ ♊ ☐	☐	☐	♋			*	
15	0 9	17 3	4 16	23 5	5 54				♋				*
16	0 11	17 1	5 0	24 16	7 42			*	Δ		*		
17	0 14	16 59	5 44	25 28	9 32		*	Δ					
18	0 16	16 57	6 28	26 40	11 24						♋		
19	0 18	16 55	7 12	27 52	13 19					☐			
20	0 21	16 52	7 56	29 3	15 16				*			♋	
21	0 23	16 49	8 39	0 15	17 16	♀ * ♄	♋			Δ			♋
22	0 25	16 46	9 23	1 27	19 18	☉ ☐ ♄	♋	♊	☐				
23	0 27	16 43	10 6	2 39	21 22	♀ ♊ ☐					*		
24	0 29	16 40	10 50	3 51	23 28								
25	0 31	16 37	11 33	5 3	25 35				Δ			*	
26	0 33	16 33	12 17	6 11	27 44					♊	☐		
27	0 34	16 29	13 0	7 27	29 53			Δ					*
28	0 36	16 25	13 43	8 39	2 4		*				Δ	☐	
29	0 37	16 21	14 26	9 51	4 14			☐					
30	0 38	16 17	15 9	11 3	6 24		☐		♊				☐

JULY XXXI DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"		°	'	°	'	°	'
1	15	45	08	8	23 S 21	2 S 16	1 S 49	0 S 48	16 S 46
4	15	45	0	8	23 21	2 16	1 48	0 49	16 51
7	15	45	0	8	23 21	2 17	1 48	0 50	16 57
10	15	46	0	8	23 20	2 18	1 49	0 50	17 3
13	15	46	0	8	23 20	2 19	1 49	0 51	17 8
16	15	46	0	8	23 19	2 20	1 50	0 51	17 14
19	15	46	0	8	23 19	2 21	1 52	0 52	17 21
22	15	46	0	8	23 18	2 21	1 53	0 52	17 28
25	15	47	0	8	23 18	2 22	1 55	0 53	17 35
28	15	47	0	8	23 18	2 22	1 57	0 53	17 42
31	15	47	0	8	23 18	2 23	2 0	0 53	17 49

D M	D W	Sidereaa' Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	6 34 49	8 54 39	23 N 11	17 20	0 S 5	6 S 53	21 49
2	F	6 38 45	9 41 51	23 7	0 m 23	1 13 12	45	21 47
3	S	6 42 42	10 39 2	23 2	13 54	2 19 18	15	21 44
4	S	6 46 39	11 36 13	22 58	27 54	3 20 22	58	21 42
5	M	6 50 35	12 33 24	22 52	12 23	4 10 26	26	21 39
6	Tu	6 54 32	13 30 35	22 47	27 17	4 44 28	11	21 37
7	W	6 58 28	14 27 45	22 41	12 v 29	5 0 27	51	21 35
8	Th	7 2 25	15 24 56	22 34	27 47	4 54 25	25	21 32
9	F	7 6 21	16 22 7	22 28	13 m 0	4 27 21	11	21 30
10	S	7 10 18	17 19 19	22 21	27 59	3 42 15	40	21 28
11	S	7 14 14	18 16 31	22 13	12 x 35	2 44 9	22	21 27
12	M	7 18 11	19 13 43	22 5	26 44	1 37 2	47	21 25
13	Tu	7 22 8	20 10 56	21 57	10 r 27	0 26 3	N 45	21 23
14	W	7 26 4	21 8 10	21 48	23 44	0 N 44	9 54	21 22
15	Th	7 30 1	22 5 25	21 39	6 x 39	1 50 15	29	21 20
16	F	7 33 57	23 2 40	21 30	19 15	2 49 20	16	21 18
17	S	7 37 54	23 59 56	21 20	1 137	3 39 24	4	21 16
18	S	7 41 50	24 57 13	21 10	13 48	4 17 26	44	21 14
19	M	7 45 47	25 54 30	20 59	25 52	4 44 28	8	21 11
20	Tu	7 49 43	26 51 48	20 48	7 50	4 58 28	12	21 9
21	W	7 53 40	27 49 7	20 37	19 44	4 59 26	56	21 7
22	Th	7 57 37	28 46 26	20 26	1 36	4 47 24	29	21 5
23	F	8 1 33	29 43 46	20 14	13 27	4 22 20	59	21 3
24	S	8 5 30	0 41 6	20 2	25 19	3 46 16	39	21 1
25	S	8 9 26	1 38 27	19 49	7 m 16	3 0 11	39	20 59
26	M	8 13 23	2 35 49	19 36	19 15	2 6 6	11	20 57
27	Tu	8 17 19	3 33 11	19 23	1 24	1 5 0	26	20 56
28	W	8 21 16	4 30 33	19 9	13 46	0 S 1	5 S 27	20 55
29	Th	8 25 12	5 27 57	18 55	26 24	1 7 11	15	20 53
30	F	8 29 9	6 25 20	18 41	9 m 24	2 13 16	44	20 52
31	S	8 33 6	7 22 44	18 27	22 49	3 13 21	36	20 51

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	08 8	23 S 17	28 24	28 1	08 54	17 S 51
4	15	47	0 8	23 17	2 24	2 4	0 54	17 S 58
7	15	48	0 8	23 17	2 25	2 8	0 55	18 5
10	15	48	0 8	23 17	2 26	2 12	0 55	18 12
13	15	49	0 8	23 17	2 27	2 16	0 56	18 19
16	15	49	0 8	23 17	2 27	2 20	0 56	18 26
19	15	50	0 8	23 16	2 28	2 25	0 56	18 33
22	15	50	0 8	23 16	2 28	2 29	0 56	18 38
25	15	51	0 8	23 16	2 29	2 34	0 56	18 44
28	15	51	0 8	23 16	2 29	2 39	0 56	18 50
31	15	52	0 8	23 16	2 30	2 45	0 56	18 55

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	S	8 37 2	8 Ω 20	9 18 N 12	6 41	4 S 4	25 S 27	20 450
2	M	8 40 59	9 17 34	17 57	21 2	4 41	27 50	20 448
3	Tu	8 44 55	10 15 0	17 42	5 49	5 1	28 21	20 47
4	W	8 48 52	11 12 26	17 26	20 56	5 1	26 47	20 46
5	Th	8 52 48	12 9 54	17 10	6 13	4 40	23 15	20 45
6	F	8 56 45	13 7 22	16 54	21 30	3 58	18 7	20 44
7	S	9 0 41	14 4 52	16 37	6 35	3 1	11 54	20 43
8	S	9 4 38	15 2 23	16 21	21 20	1 52	5 9	20 41
9	M	9 8 35	15 59 54	16 4	5 39	0 38	1 N 40	20 40
10	Tu	9 12 31	16 57 28	15 46	19 29	0 N 36	8 12	20 39
11	W	9 16 23	17 55 3	15 29	28 52	1 46	14 8	20 38
12	Th	9 20 24	18 52 59	15 11	15 50	2 48	19 16	20 37
13	F	9 24 21	19 50 17	14 53	28 26	3 40	23 24	20 36
14	S	9 28 17	20 47 57	14 35	10 46	4 21	26 23	20 35
15	S	9 32 14	21 45 38	14 16	23 53	4 49	28 5	20 34
16	M	9 36 10	22 43 21	13 57	45 51	5 42	28 27	20 33
17	Tu	9 40 7	23 41 5	13 38	16 45	5 6	27 28	20 32
18	W	9 44 4	24 38 51	13 19	28 36	4 54	25 16	20 32
19	Th	9 48 0	25 36 38	13 0	10 28	4 30	21 58	20 31
20	F	9 51 57	26 34 26	12 40	22 23	3 55	17 46	20 31
21	S	9 55 53	27 32 16	12 20	4 19	3 8	12 51	20 31
22	S	9 59 50	28 30 8	12 0	16 21	2 13	7 26	20 30
23	M	10 7 46	29 28 1	11 40	28 31	1 11	1 41	20 30
24	Tu	10 3 43	0 25 55	11 20	10 49	0 5	4 S 13	20 30
25	W	10 11 39	1 23 51	10 59	23 19	1 S 3	10 3	20 30
26	Th	10 15 36	2 21 48	10 39	6 4	2 8	15 35	20 30
27	F	10 19 33	3 19 46	10 18	19 6	3 9	20 33	20 29
28	S	10 23 29	4 17 45	9 57	2 29	4 1	24 37	20 29
29	S	10 27 26	5 15 46	9 36	16 14	4 41	27 25	20 29
30	M	10 31 22	6 13 48	9 14	0 23	5 5	28 33	20 29
31	Tu	10 35 19	7 11 51	8 53	14 54	5 11	27 47	20 29

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.					
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.				
	'	"	°	'	°	'	°	'				
1	15	54	08	9	23	8 16	28	30	08	57	18	55
4	15	54	0	9	23	16	2	30	2	52	0	57
7	15	55	0	9	23	16	2	31	2	57	0	57
10	15	56	0	9	23	16	2	31	3	3	0	57
13	15	57	0	9	23	16	2	32	3	9	0	57
16	15	57	0	9	23	16	2	32	3	15	0	57
19	15	58	0	9	23	16	2	32	3	20	0	56
22	15	59	0	9	23	17	2	32	3	26	0	56
25	16	0	0	9	23	17	2	32	3	32	0	56
28	16	0	0	9	23	17	2	32	3	38	0	56

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	10 39 15	8 ^m 9 56	8 N 31	29 ^w 43	48 56	25 8 3	20 42 29
2	Th	10 43 12	9 8 1	8	9 14 ^m 44	4	21 20 35	20 30
3	F	10 47 8	10 6 9	7	47 29 47	8	28 14 48	20 30
4	S	10 51 51	11 4 18	7	25 14 ^x 45	2	21 8 10	20 30
5	S	10 55 21	12 2 29	7	3 29 27	1	5 1 13	20 31
6	M	10 58 58	13 0 42	6	41 13 ^r 48	0 N 13	5 N 39	20 31
7	Tu	11 2 55	13 58 56	6	18 27 43	1	29 12 3	20 31
8	W	11 6 51	14 57 13	5	56 11 ^o 12	2	36 17 41	20 32
9	Th	11 10 48	15 55 32	5	33 24 15	3	34 22 18	20 32
10	F	11 14 44	16 53 53	5	11 6 ^o 55	4	19 25 45	20 33
11	S	11 18 41	17 52 16	4	48 19 18	4	51 27 52	20 33
12	S	11 22 37	18 50 42	4	25 1 ^o 26	5	10 28 37	20 34
13	M	11 26 34	19 49 9	4	2 13 24	5	14 28 0	20 35
14	Tu	11 30 30	20 47 39	3	89 25 16	5	5 26 6	20 36
15	W	11 34 27	21 46 11	3	16 7 ^o 7	4	43 23 4	20 36
16	Th	11 38 24	22 44 45	2	53 19 0	4	9 19 5	20 37
17	F	11 42 20	23 43 21	2	30 0 ^m 58	3	24 14 19	20 38
18	S	11 46 17	24 41 59	2	6 13 3	2	29 8 58	20 39
19	S	11 50 13	25 40 39	1	43 25 16	1	27 3 12	20 39
20	M	11 54 10	26 39 22	1	20 7 ^o 40	0	19 28 45	20 40
21	Tu	11 58 6	27 38 6	0	58 20 15	0 8 50	8 41	20 41
22	W	12 2 3	28 36 51	0	33 3 ^m 2	1	58 14 23	20 42
23	Th	12 5 59	29 35 39	0	10 16 2	3	1 19 33	20 43
24	F	12 9 56	0 ^o 34 28	0 8 14	29 18	3	56 23 53	20 44
25	S	12 13 53	1 83 19	0	37 12 ^r 48	4	39 26 58	20 45
26	S	12 17 49	2 32 12	1	1 26 34	5	7 28 32	20 46
27	M	12 21 46	3 31 7	1	24 10 ^w 35	5	17 28 18	20 47
28	Tu	12 25 42	4 30 3	1	47 24 51	5	8 26 14	20 48
29	W	12 29 39	5 29 1	2	11 9 ^m 19	4	40 22 28	20 50
30	Th	12 33 35	6 28 0	2	34 23 54	3	53 17 14	20 52

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 2	23 N24	1 N14	13 N21	48 25	0 N20	12 r 53
4	0 N 1	23 28	1 18	11 37	4 7	1 37	12 43
7	0 4	23 32	1 20	10 47	3 33	3 17	12 34
10	0 7	23 34	1 23	9 25	2 44	5 5	12 24
13	0 11	23 35	1 24	8 2	1 46	6 42	12 15
16	0 15	23 34	1 25	6 36	0 48	7 52	12 5
19	0 19	23 33	1 25	5 9	0 N 5	8 24	11 56
22	0 23	23 30	1 25	3 37	0 49	8 17	11 46
25	0 27	23 26	1 25	2 9	1 21	7 32	11 37
28	0 31	23 20	1 23	1 38	1 42	6 14	11 27

D M	h	♄	♅	♆	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♂	♂	♂
	° /	° /	° /	° /	° /							
1	28 x 48	9 m 3 27	♄ 20	27 ♄ 58	18 m 55			*	♂	♂		
2	28 344	8 357	27 57	29 12	18 3 9			*	♂	♂		
3	28 40	8 52	28 33	0 m 26	17 37	♂ ☐ h	♂	☐	♂	♂	♂	♂
4	28 36	8 46	29 9	1 41	16 18		♂	☐	♂			
5	28 32	8 41	29 45	2 55	15 19			♂		☐		
6	28 28	8 36	0 21	4 9	14 20			Δ	*	*		
7	28 23	8 31	0 57	5 24	13 20	☉ ☉ ♀	Δ		*	*		
8	28 18	8 26	1 33	6 38	12 22		Δ		☐		Δ	Δ
9	28 14	8 21	2 8	7 53	11 27			*				
10	28 9	8 17	2 44	9 7	10 35				Δ		☐	☐
11	28 5	8 13	3 19	10 22	9 49	♀ ☉ ♀	☐	♂				
12	28 0	8 9	3 54	11 36	9 10			☐		♂	*	*
13	27 55	8 5	4 29	12 51	8 39							
14	27 51	8 1	5 4	14 5	8 16	☉ ☐ ♀	*	Δ	♂			
15	27 46	7 58	5 38	15 20	8 2				♂			
16	27 42	7 54	6 12	16 34	7 D 57			Δ				
17	27 37	7 51	6 46	17 49	8 2							
18	27 33	7 47	7 20	19 4	8 17					*		
19	27 28	7 44	7 54	20 19	8 41	♀ ☐ ♀	♂	☐	♂		♂	♂
20	27 24	7 41	8 28	21 33	9 14				Δ	☐		
21	27 19	7 38	9 1	22 48	9 56	☉ ☉ h		*				
22	27 14	7 36	9 34	24 2	10 47					☐		
23	27 10	7 33	10 7	25 17	11 45					Δ	*	*
24	27 5	7 31	10 40	26 32	12 50		*		Δ	*	*	*
25	27 0	7 29	11 13	27 47	14 3	♀ ☉ h			*			
26	26 56	7 27	11 45	29 2	15 21		☐	♂	☐		♂	☐
27	26 51	7 26	12 17	0 17	16 44						♂	
28	26 46	7 25	12 49	1 32	18 12				*			
29	26 42	7 24	13 21	2 47	19 44		Δ		♂		Δ	
30	26 37	7 23	13 53	4 2	21 18	♀ ☐ ♀		*				

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	'	'	'	'	'	'
1	16	1	08 9	23 8 18	28 32	38 42	08 56	19 8 21
4	16	1	0 9	23 18	2 32	3 48	0 56	19 21
7	16	2	0 9	23 18	2 32	3 53	0 55	19 20
10	16	3	0 9	23 19	2 32	3 58	0 55	19 19
13	16	4	0 9	23 19	2 32	4 2	0 55	19 18
16	16	5	0 9	23 20	2 32	4 7	0 55	19 16
19	16	5	0 9	23 20	2 31	4 11	0 54	19 14
22	16	6	0 9	23 21	2 31	4 15	0 54	19 11
25	16	7	0 9	23 21	2 30	4 19	0 54	19 8
28	16	7	0 9	23 21	2 30	4 23	0 54	19 4
31	16	8	0 9	23 21	2 30	4 26	0 54	19 0

D M	D W	Sidereal Time. H. M. S.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
1	F	12 37 32	7 27 2	28 58	8 38	28 51	11 8 1	20 7 55
2	S	12 41 28	8 26 5	3 21 23	8 1 38	4 14	20 57	
3	S	12 45 25	9 25 10	3 44 7	33 0 20	2 N 41	20 59	
4	M	12 49 22	10 24 18	4 7 21	43 0 N 58	9 22	21 1	
5	Tu	12 53 16	11 23 27	4 31 58	38 2 11	15 27	21 2	
6	W	12 57 15	12 22 38	4 54 19	2 3 15	20 37	21 4	
7	Th	13 1 11	13 21 52	5 17 2	8 4 7	24 38	21 5	
8	F	13 5 8	14 21 9	5 40 14	52 4 44	27 19	21 7	
9	S	13 9 4	15 20 27	6 3 27	15 5 8	28 34	21 9	
10	S	13 13 1	16 19 48	6 26 9	25 25 5	17 28	24 21 11	
11	M	13 16 57	17 19 11	6 48 21	27 5 12	26 53	21 13	
12	Tu	13 20 54	18 18 37	7 11 3	20 4 54	24 11	21 15	
13	W	13 24 51	19 18 5	7 34 15	12 4 23	20 29	21 17	
14	Th	13 28 47	20 17 35	7 56 27	6 3 41	15 57	21 19	
15	F	13 32 44	21 17 6	8 19 9	7 2 45	10 46	21 21	
16	S	13 36 40	22 16 48	8 41 21	19 1 48	5 6	21 23	
17	S	13 40 37	23 16 20	9 3 3	48 0 42	0 8 51	21 25	
18	M	13 44 33	24 15 59	9 25 16	23 0 8	28 6 53	21 28	
19	Tu	13 48 30	25 15 40	9 47 29	18 1 38	12 46	21 30	
20	W	13 52 26	26 15 24	10 9 12	29 2 44	18 12	21 33	
21	Th	13 56 23	27 15 9	10 30 25	55 3 42	22 51	21 36	
22	F	14 0 19	28 14 56	10 52 9	33 4 29	26 20	21 39	
23	S	14 4 16	29 14 45	11 13 23	23 5 0	28 18	21 41	
24	S	14 8 11	0 14 36	11 34 7	21 5 14	28 30	21 44	
25	M	14 12 7	1 14 28	11 55 21	26 5 10	26 51	21 47	
26	Tu	14 16 3	2 14 22	12 16 5	36 4 47	23 31	21 50	
27	W	14 19 59	3 14 18	12 36 19	48 4 6	18 47	21 53	
28	Th	14 23 56	4 14 14	12 57 4	1 3 10	13 0	21 55	
29	F	14 27 53	5 14 13	13 17 18	12 2 3	6 33	21 58	
30	S	14 31 49	6 14 18	13 37 2	15 0 45	0 N 11	22 1	
31	S	14 35 46	7 14 16	13 57 16	17 0 N 25	6 51	22 3	

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 35	23 N 16	1 N 21	0 S 51	1 N 53	4 N 32	11 18
4	0 39	23 11	1 18	2 22	1 55	2 34	11 8
7	0 44	23 3	1 16	3 53	1 51	0 25	10 59
10	0 49	22 55	1 12	5 23	1 41	1 S 49	10 49
13	0 53	22 47	1 9	6 52	1 28	4 5	10 40
16	0 58	22 40	1 4	8 22	1 11	6 19	10 30
19	1 3	22 31	0 59	9 46	0 53	8 30	10 21
22	1 8	22 22	0 53	11 10	0 34	10 37	10 11
25	1 13	22 14	0 48	12 33	0 14	12 38	10 2
28	1 18	22 6	0 42	13 50	0 S 6	14 33	9 52
31	1 24	21 58	0 35	15 7	0 26	16 21	9 48

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂	♀
	°	'	°	'	°	'		°	'	°	'	°	'	°	'
1	26 32	7 22 14	25 25	5 17 22	55 55	☉ Δ ♀									
2	26 37	7 22 14	56 6	31 24	32 32	♀ Δ ♀									
3	26 23	7 22 15	26 7	46 26	13 13	♀ ♂ h		♂							
4	26 18	7 22 15	57 9	1 27	59 59				Δ						
5	26 14	7 22 16	27 10	16 29	43 43										
6	26 9	7 22 16	58 11	31 1	28 28										
7	26 5	7 22 17	28 12	46 3	13 13										
8	26 0	7 23 17	58 14	1 4	58 58			Δ							
9	25 56	7 24 18	27 15	16 6	43 43	♀ Δ ♀			♂						
10	25 52	7 25 18	56 16	31 8	29 29										
11	25 48	7 26 19	25 17	46 10	14 14				☉						
12	25 44	7 27 19	54 19	1 11	59 59										
13	25 40	7 29 20	23 20	16 13	44 44	♀ * ♀			*						
14	25 36	7 31 20	51 21	31 15	29 29	☉ □ ♂									
15	25 32	7 33 21	18 23	46 17	13 13	☉ * ♀									
16	25 28	7 36 21	46 24	1 18	55 55										
17	25 24	7 38 23	13 25	16 20	38 38	♀ * ♀				☉					
18	25 20	7 41 22	40 26	31 22	20 20	♀ □ ♂			*						
19	25 17	7 44 23	7 27	47 24	1 1				♂						
20	25 13	7 47 23	33 29	2 25	42 42										
21	25 10	7 51 23	58 0	17 27	22 22	☉ ♂ ♀									
22	25 6	7 54 24	24 1	32 29	2 2										
23	25 3	7 58 24	49 2	47 0	42 42				*						
24	24 59	8 2 25	15 4	2 2	21 21	♂ Δ h									
25	24 56	8 6 25	40 5	18 3	58 58										
26	24 53	8 10 26	4 6	33 5	35 35										
27	24 50	8 15 26	27 7	48 7	12 12	♀ □ ♀				*					
28	24 47	8 19 26	51 9	3 8	48 48	♀ □ ♀			Δ						
29	24 44	8 24 27	14 10	18 10	24 24	♀ ♂ ♀				☉					
30	24 41	8 29 27	37 11	33 12	0 0										
31	24 38	8 34 28	0 12	48 13	35 35				Δ						

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	'	'	'	'	'	'
1	16	10	08 9	23 S 22	2 S 29	4 S 26	0 S 53	18 S 59
4	16	10	0 9	23 22	2 29	4 29	0 53	18 54
7	16	11	0 9	23 23	2 28	4 31	0 53	18 49
10	16	12	0 9	23 24	2 28	4 33	0 53	18 45
13	16	12	0 9	23 24	2 27	4 34	0 52	18 39
16	16	13	0 9	23 25	2 27	4 35	0 52	18 31
19	16	14	0 9	23 25	2 26	4 36	0 52	18 24
22	16	14	0 9	23 26	2 26	4 36	0 52	18 17
25	16	15	0 9	23 26	2 25	4 36	0 52	18 10
28	16	15	0 9	23 27	2 25	4 35	0 52	18 2
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♅ Long.
		H. M. S.	'	'	'	'	'	'
1	M	14 39 42	8 ^m 14 20	14 S 16	0 5 5	1 N 42	13 N 6	22 4 5
2	Tu	14 43 38	9 14 25	14 35 13	39	2 49	18 38	22 8
3	W	14 47 35	10 14 33	14 54 26	57	3 45	23 9	22 12
4	Th	14 51 31	11 14 42	15 13 9	Π 57	4 28	26 23	22 15
5	F	14 55 28	12 14 54	15 32 22	40	4 56	28 12	22 18
6	S	14 59 24	13 15 7	15 50 5	55 5	5 10	28 32	22 22
7	S	15 3 21	14 15 23	16 8 17	16	5 10	27 28	22 25
8	M	15 7 17	15 15 41	16 26 29	16	4 55	25 8	22 28
9	Tu	15 11 14	16 16 1	16 43 11	Ω 9	4 29	21 45	22 31
10	W	15 15 11	17 16 22	17 1 23	0	3 50	17 30	22 34
11	Th	15 19 7	18 16 46	17 17 4 ^m 54	3	2 12	33 22	36
12	F	15 23 4	19 17 12	17 34 16	56	2 5 7	5 22	39
13	S	15 27 0	20 17 39	17 50 29	10	1 2 1	17 22	42
14	S	15 30 57	21 18 9	18 6 11	Δ 41	0 S 6	4 S 43	22 46
15	M	15 34 53	22 18 41	18 22 24	32	1 15	10 41	22 49
16	Tu	15 38 50	23 19 14	18 37 7 ^m 45	2	21 16	20 22	52
17	W	15 42 46	24 19 49	18 52 21	19	3 22	21 21	22 54
18	Th	15 46 43	25 20 25	19 7 5	12	4 12	25 19	22 59
19	F	15 50 40	26 21 3	19 22 19	20	4 47	27 43	23 1
20	S	15 54 36	27 21 42	19 36 3 ^m 38	5	5 28	30 23	5
21	S	15 58 33	28 22 23	19 49 18	0	5 4 27	17 23	8
22	M	16 2 29	29 23 5	20 2 2 ^m 22	4	44 24	16 23	11
23	Tu	16 6 26	0 ^f 23 48	20 15 16	39	4 7 19	47 23	15
24	W	16 10 22	1 24 32	20 28 0 ^m 49	3	14 14	13 23	18
25	Th	16 14 19	2 25 17	20 40 14	50	2 11 7	59 23	21
26	F	16 18 15	3 26 2	20 52 28	41	1 0 1	26 23	25
27	S	16 22 12	4 26 49	21 3 12	12 23	0 N 13	5 N 6	23 29
28	S	16 26 9	5 27 37	21 14 25	55	1 25 11	20 23	32
29	M	16 30 5	6 28 26	21 24 9	17	2 30 16	59 23	36
30	Tu	16 34 2	7 29 16	21 35 22	28	3 27 21	44 23	40

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 26	21 N 55	0 N 34	15 S 32	0 S 33	16 S 55	9 39
4	1 32	21 49	0 27	16 42	0 52	18 34	9 29
7	1 38	21 41	0 20	17 51	1 11	20 3	9 20
10	1 45	21 35	0 18	18 51	1 28	21 24	9 10
13	1 51	21 29	0 6	19 53	1 44	22 36	9 1
16	1 58	21 25	0 8 1	20 46	1 53	23 38	8 51
19	2 5	21 22	0 9	21 35	2 10	24 28	8 42
22	2 12	21 21	0 16	22 15	2 19	25 7	8 32
25	2 19	21 21	0 23	22 55	2 25	25 34	8 23
28	2 26	21 23	0 31	23 30	2 26	25 49	8 13

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	24 x 35	8 m 39	28 23	14 m 4	15 m 10	☉ ☐ ♈						☐	♊	♊
2	24 B 32	8 45	28 45	15 19	16 44		♊				☐		♊	♊
3	24 30	8 50	29 6	16 34	18 18				*			*		
4	24 27	8 56	29 27	17 49	19 51						Δ			
5	24 25	9 2	29 47	19 4	21 24			♊	☐					
6	24 23	9 8	0 Ω 7	20 19	22 57									
7	24 21	9 14	0 27	21 35	24 29	☿ Δ ♈	Δ						Δ	
8	24 19	9 21	0 46	22 50	26 1					Δ		♊		Δ
9	24 17	9 27	1 4	24 5	27 32	☿ Δ ♈	☐				♊			
10	24 15	9 34	1 22	25 20	29 3				Δ				☐	
11	24 13	9 41	1 40	26 35	0 † 34									☐
12	24 11	9 48	1 57	27 50	2 5	☿ Δ ♈	*	☐		♊				
13	24 10	9 55	2 14	29 6	3 35					♊		*	*	*
14	24 8	10 2	2 30	0 † 21	5 5						Δ		*	*
15	24 6	10 10	2 45	1 36	6 32			*						
16	24 5	10 18	3 0	2 52	8 4	☿ Δ ♈					☐	☐		
17	24 4	10 26	3 14	4 7	9 33	☉ Δ ♈	♊		Δ					
18	24 3	10 34	3 28	5 23	11 1	☿ * ♈				*	Δ	♊	♊	
19	24 2	10 42	3 41	6 38	12 29			♊	☐					
20	24 1	10 51	3 54	7 53	13 56									
21	24 1	10 59	4 6	9 9	15 23				*					
22	24 0	11 8	4 17	10 24	16 50			*				♊		
23	24 0	11 16	4 28	11 40	18 16	☿ * ♈		*		♊		*	*	
24	23 59	11 25	4 38	12 55	19 41			☐						
25	23 59	11 34	4 47	14 10	21 4								☐	
26	23 59	11 43	4 56	15 25	22 27	☿ ☐ ♈	Δ	☐	♊		Δ			☐
27	23 59	11 53	5 4	16 40	23 49	☿ ☐ ♈				*		Δ	Δ	
28	23 D 59	12 2	5 11	17 55	25 9	☉ Δ ♈		Δ						
29	23 59	12 12	5 18	19 10	26 27						☐	☐		Δ
30	23 59	12 21	5 24	20 25	27 44				*					

DECEMBER XXXI DAYS.

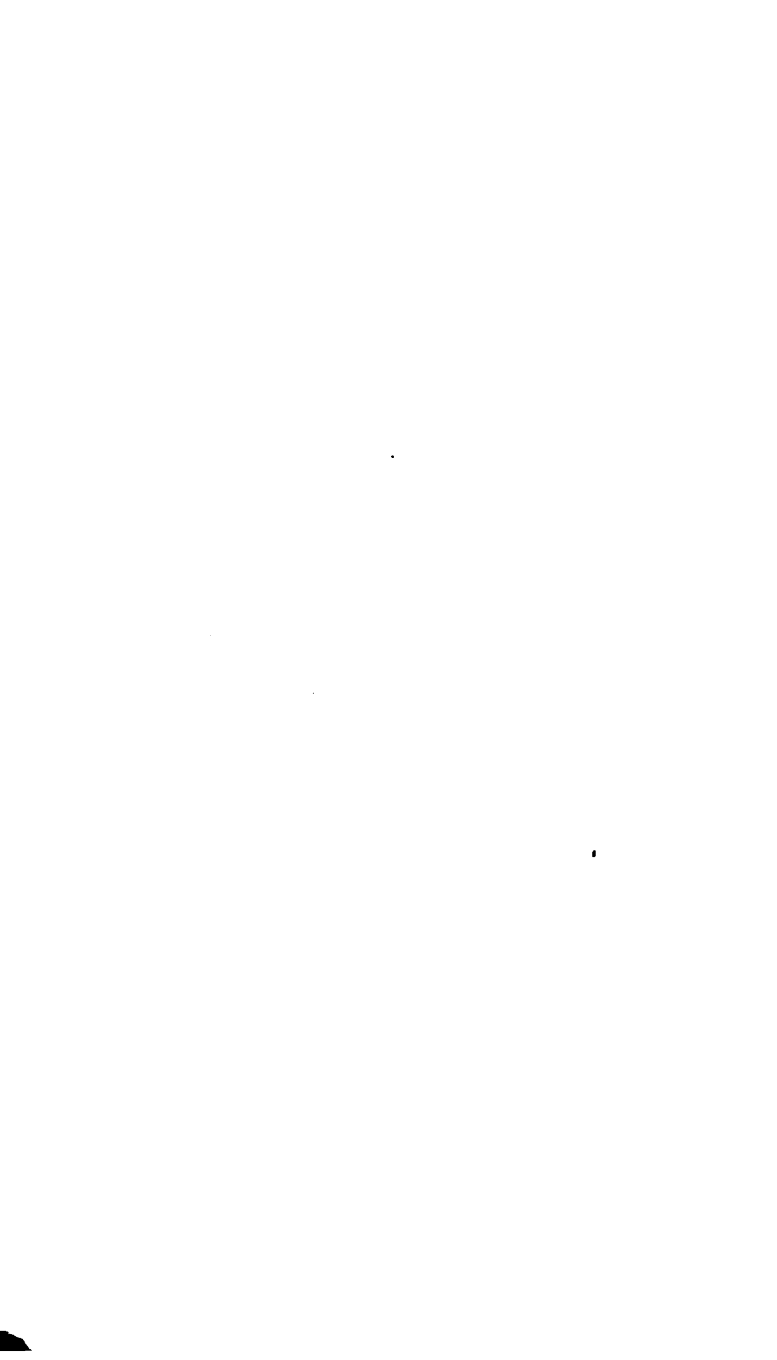
D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	15	08	9	23	28	08	51
4	16	15	0	9	23	28	0	51
7	16	16	0	9	23	29	0	51
10	16	16	0	9	23	30	0	51
13	16	16	0	9	23	30	0	51
16	16	16	0	9	23	30	0	51
19	16	17	0	9	23	30	0	51
22	16	17	0	9	23	31	0	51
25	16	17	0	9	23	31	0	50
28	16	17	0	9	23	31	0	50
31	16	17	0	9	23	32	0	50

D M	D W	Sidereal Time.			☉ Long.			☉ Declin			☽ Long.			☽ Lat.			☽ Declin			♂ Long.		
		H.	M.	S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"
1	W	16	37	58	8	7	30	21	8	45	5	27	4	N	12	25	N	22	23	7	43	
2	Th	16	41	55	9	30	59	21	54	18	14	4	43	27	38	23	46	23	40	23	50	
3	F	16	45	51	10	31	52	22	3	0	5	47	5	0	28	28	23	50	23	50	56	
4	S	16	49	48	11	32	47	22	12	13	7	5	2	27	50	23	53	23	53	23	53	
5	S	16	53	45	12	33	43	22	20	25	15	4	51	25	52	23	57	23	57	23	57	
6	M	16	57	41	13	34	40	22	27	7	2	14	4	27	22	47	24	1	24	1	1	
7	Tu	17	1	38	14	35	38	22	35	19	5	3	51	18	46	24	4	24	4	24	4	
8	W	17	5	34	15	36	38	22	41	0	5	55	3	6	14	3	24	8	24	8	8	
9	Th	17	9	31	16	37	38	22	48	12	46	2	12	8	49	24	12	24	12	24	12	
10	F	17	13	27	17	38	40	22	53	24	46	1	12	3	12	24	15	24	15	24	15	
11	S	17	17	24	18	39	43	22	59	6	5	58	0	8	2	8	39	24	19	24	19	
12	S	17	21	20	19	40	47	23	4	19	29	0	8	58	8	32	24	23	24	23	23	
13	M	17	25	17	20	41	52	23	8	2	2	23	2	3	14	14	24	26	24	26	26	
14	Tu	17	29	14	21	42	58	23	12	15	43	3	4	19	29	24	30	24	30	24	30	
15	W	17	33	10	22	44	5	23	16	29	30	3	55	23	53	24	33	24	33	24	33	
16	Th	17	37	7	23	45	13	23	19	13	7	42	4	34	27	0	24	37	24	37	37	
17	F	17	41	3	24	46	21	23	22	28	15	4	56	28	24	24	41	24	41	24	41	
18	S	17	45	0	25	47	30	23	24	13	1	4	59	27	47	24	45	24	45	24	45	
19	S	17	48	56	26	48	39	23	26	27	53	4	42	25	13	24	48	24	48	24	48	
20	M	17	52	53	27	49	49	23	27	12	40	4	6	20	57	24	51	24	51	24	51	
21	Tu	17	56	49	28	50	59	23	28	27	17	3	14	15	28	24	55	24	55	24	55	
22	W	18	0	46	29	52	9	23	28	11	38	2	11	9	14	24	58	24	58	24	58	
23	Th	18	4	43	0	53	19	23	28	25	41	1	0	2	38	25	1	25	1	25	1	
24	F	18	8	39	1	54	29	23	27	9	27	0	N	12	3	N	56	25	5	25	5	
25	S	18	12	36	2	55	39	23	26	22	55	1	22	10	12	25	8	25	8	25	8	
26	S	18	16	32	3	56	49	23	24	6	8	9	2	27	15	53	25	12	25	12	12	
27	M	18	20	29	4	57	59	23	22	19	10	3	22	20	46	25	15	25	15	25	15	
28	Tu	18	24	25	5	59	9	23	20	2	0	4	6	24	36	25	19	25	19	25	19	
29	W	18	28	22	7	0	19	23	17	14	39	4	38	27	11	25	23	25	23	25	23	
30	Th	18	32	18	8	1	29	23	13	27	8	4	55	28	21	25	27	25	27	25	27	
31	F	18	36	15	9	2	39	23	9	9	28	4	59	28	6	25	31	25	31	25	31	

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 35	21 N 25	0 S 37	23 S 50	2 S 22	25 S 50	8 r 4
4	2 43	21 30	0 44	24 8	2 12	25 38	7 54
7	2 51	21 37	0 51	24 19	1 53	25 15	7 45
10	2 59	21 46	0 57	24 25	1 25	24 40	7 35
13	3 7	21 56	1 3	24 21	0 45	23 57	7 26
16	3 15	22 10	1 8	24 9	0 N 7	23 8	7 16
19	3 23	22 23	1 14	23 56	1 6	22 16	7 7
22	3 31	22 46	1 19	23 25	2 8	21 25	6 57
25	3 39	22 55	1 23	23 4	2 45	20 41	6 48
28	3 47	23 7	1 26	22 27	3 7	20 14	6 38
31	3 55	23 26	1 28	21 33	3 9	20 7	6 29

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /		°	°	°	°	°	°
1	23 x 59	12 m 31	5 Ω 29	21 f 41	28 f 59		♁			*		
2	24 0 12	41 5	34 22	56 0 w 13			♁	☐	Δ		♁	
3	24 0 12	51 5	38 24	11 1 23	♀ ☉ ♁							♁
4	24 1 13	1 5	41 25	26 2 28	♀ ☐ ♁							
5	24 1 13	11 5	43 26	41 3 30					Δ			
6	24 2 13	21 5	44 27	56 4 28	☉ * ♄		Δ	Δ		♁	☉	
7	24 3 13	32 5	44 29	12 5 23						♁		
8	24 4 13	42 5	44 0 w 27	6 12							Δ	
9	24 5 13	53 5	43 1 42	6 54			☐		♁			Δ
10	24 7 14	4 5	41 2 58	7 28				☐	♁			
11	24 8 14	15 5	38 4 13	7 55							*	☐
12	24 9 14	26 5	35 5 28	8 13			*	*		Δ		
13	24 11 14	37 5	31 6 44	8 23							☐	*
14	24 13 14	48 5	26 7 59	8 R 23	♀ ☉ ♁					☐		*
15	24 15 15	0 5	20 9 14	8 10					Δ		Δ	
16	24 17 15	11 5	13 10 29	7 43	☉ ☐ ♁		☉	☉		*		
17	24 19 15	23 5	5 11 44	7 6	☉ ☉ ♁		☉	☉	☐			
18	24 21 15	34 4	57 12 59	6 19					*		♁	☉
19	24 23 15	46 4	48 14 15	5 21					*		♁	☉
20	24 26 15	58 4	38 15 30	4 15					☉			
21	24 28 16	10 4	27 16 45	3 1			*	*				*
22	24 31 16	22 4	15 18 0	1 39								
23	24 33 16	34 4	2 19 15	29 f 16	☉ ☉ ♁		☐	☐	☉		*	☐
24	24 36 16	46 3	49 20 30	28 55						Δ		
25	24 39 16	58 3	35 21 45	27 36				Δ		*		☐
26	24 42 17	11 3	20 23 0 26	23			Δ				☐	
27	24 45 17	23 3	4 24 15	25 17	♀ * ♁				*	☐		Δ
28	24 48 17	36 2	48 25 30	24 19	♀ ☐ ♁					*		
29	24 51 17	48 2	21 26 45	23 31						Δ		
30	24 54 18	1 2	14 28 0	22 54				♁	☐			♁
31	24 57 18	13 1	56 29 15	22 28			♁					





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OF THE
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For 1850.

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Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	17	0 8 36	8 N 10	2 8 23	1 8 26	1 N 16	3 N 57
4	16	17	0 35	8 11	2 23	1 22	1 17	3 56
7	16	17	0 35	8 11	2 22	1 17	1 18	3 57
10	16	17	0 35	8 12	2 22	1 12	1 18	3 58
13	16	17	0 35	8 12	2 21	1 7	1 19	3 59
16	16	17	0 35	8 13	2 21	1 1	1 20	4 2
19	16	16	0 35	8 14	2 20	0 56	1 21	4 5
22	16	16	0 35	8 16	2 19	0 49	1 22	4 9
25	16	16	0 35	8 17	2 18	0 43	1 23	4 13
28	16	15	0 34	8 19	2 18	0 36	1 24	4 18
31	16	15	0 34	8 20	2 17	0 29	1 25	4 24

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	Tu	18 43 7	10 47 49	23 8	1 21 45	0 8 16	14 N 2	22 22
2	W	18 47 4	11 48 58	22 56	6 48 8	1 N 3	10 15	22 22
3	Th	18 51 0	12 50 6	22 50	20 2	2 14 6	0	22 23
4	F	18 54 57	13 51 15	22 44	3 30	3 16 1	36	22 22
5	S	18 58 54	14 52 25	22 38	16 33	4 5 2	S 44	22 22
6	S	19 2 50	15 53 34	22 31	29 15	4 41 6	49	22 23
7	M	19 6 47	16 54 43	22 23	11 40	5 3 10	32	22 23
8	Tu	19 10 43	17 55 52	22 15	23 51	5 11 13	44	22 23
9	W	19 14 40	18 57 2	22 7	5 53	5 5 16	18	22 24
10	Th	19 18 36	19 58 11	21 58	17 49	4 45 18	10	22 24
11	F	19 22 33	20 59 20	21 49	29 40	4 14 19	14	22 25
12	S	19 26 29	22 0 29	21 39	11 30	3 31 19	27	22 26
13	S	19 30 26	23 1 37	21 29	23 20	2 39 18	49	22 26
14	M	19 34 23	24 2 45	21 19	5 11	1 40 17	22	22 27
15	Tu	19 38 19	25 3 52	21 8	17 7	0 37 15	8	22 28
16	W	19 42 16	26 4 59	20 57	29 8	0 8 29	12	22 29
17	Th	19 46 12	27 6 4	20 45	11 17	1 35 8	48	22 30
18	F	19 50 9	28 7 9	20 33	23 38	2 37 4	56	22 31
19	S	19 54 5	29 8 13	20 21	6 13	3 33 0	47	22 32
20	S	19 58 2	0 9 17	20 8	19 7	4 19 3	N 29	22 33
21	M	20 1 58	1 10 19	19 55	28 23	4 54 7	42	22 34
22	Tu	20 5 55	2 11 20	19 41	16 3	5 13 11	39	22 35
23	W	20 9 52	3 12 20	19 27	0 11 8	5 14 15	5	22 36
24	Th	20 13 48	4 13 19	19 13	14 38	4 55 17	41	22 37
25	F	20 17 45	5 14 16	18 58	29 28	4 17 19	11	22 38
26	S	20 21 41	6 15 13	18 43	14 32	3 20 19	21	22 39
27	S	20 25 38	7 16 9	18 28	29 42	2 9 18	7	22 41
28	M	20 29 34	8 17 3	18 12	14 48	0 49 15	37	22 43
29	Tu	20 33 31	9 17 57	17 56	29 41	0 N 33	12	7 22 44
30	W	20 37 27	10 18 50	17 40	14 12	1 51 7	52	22 46
31	Th	20 41 24	11 19 42	17 24	28 19	3 0 3	29	22 47

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.					
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	° /	° /	° /	° /	° /	° /						
1	3 N 19	26 N 29	0 N 15	23 S 10	2 S 7	24 S 17	26 Ω 10					
4	3 20	26 27	0 7	23 21	2 8	23 31	26 1					
7	3 21	26 24	0 0	23 25	2 3	22 31	25 51					
10	3 20	26 21	0 S 7	23 23	1 55	21 18	25 42					
13	3 19	26 17	0 14	23 14	1 40	19 51	25 32					
16	3 18	26 14	0 21	22 59	1 18	18 14	25 23					
19	3 16	26 11	0 28	22 37	0 49	16 31	25 13					
22	3 15	26 9	0 35	22 9	0 11	14 47	25 4					
25	3 13	26 7	0 42	21 36	0 N 35	13 11	24 54					
28	3 10	26 5	0 48	20 56	1 25	11 56	24 45					
31	3 7	26 3	0 54	20 11	2 17	11 11	24 35					
D M	h	♄	♀	♀	♿	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	1 53	23 23	0 21	17 26	13 18	♂ 31		Δ			*	Δ
2	1 56	23 23	2 20	15 27	28 20	10	Δ					
3	1 59	23 23	3 20	43 28	42 21	49	☿ ☐ ♀			♂	☐	Δ
4	2 2	23 23	3 20	27 29	58 23	28	♄ Δ ♀		♂		☐	
5	2 5	23 23	4 20	11 1	14 25	6	☐ ♂	♂			Δ	
6	2 9	23 23	4 19	57 2	30 26	45	♀ ☐ h	*				*
7	2 13	23 23	5 19	44 3	45 28	24		*				☐
8	2 16	23 23	5 19	31 5	0 0	3	☉ P ♀			*		
9	2 20	23 23	4 19	18 6	15 1	41	h * ♀		Δ			*
10	2 24	23 23	3 19	7 7	31 3	19	♂ ☐ ♀	Δ		☐	♂	
11	2 28	23 23	2 18	57 8	47 4	56			☐			
12	2 32	23 23	2 18	47 10	2 6	33	☉ ☐ h	♂	☐			♂
13	2 36	23 23	1 18	38 11	17 8	9	☉ Δ ♄	♂	☐	Δ		
14	2 40	23 23	0 18	30 12	32 9	44			*			♂
15	2 44	23 23	59 18	22 13	47 11	16		*			Δ	
16	2 48	23 23	57 18	16 15	3 12	47						
17	2 52	23 23	55 18	10 16	19 14	16						*
18	2 57	23 23	54 18	5 17	34 15	41		*		♂	☐	
19	3 2	23 23	52 18	1 18	49 17	3			♂			
20	3 6	23 23	49 17	58 20	4 18	20	♀ Δ ♂	♂	♂		*	☐
21	3 11	23 23	46 17	56 21	20 19	35		☐				
22	3 16	23 23	43 17	54 22	35 20	42	♀ ☐ h	☐			Δ	☐
23	3 20	23 23	40 17	53 23	51 21	43	☉ * h	Δ	*			
24	3 25	23 23	38 17	53 25	6 22	38	h * ♀			♂		
25	3 30	23 23	35 17	54 26	21 23	25		*	☐	☐		Δ
26	3 35	23 23	31 17	56 27	37 24	2						
27	3 40	23 23	27 17	58 28	52 24	30	☉ ☐ ♄	♂	☐	Δ	*	♂
28	3 45	23 23	23 18	1 0	8 24	51			Δ		*	
29	3 51	23 23	19 18	4 1	23 24	55			Δ			♂
30	3 56	23 23	15 18	9 2	38 24	51					☐	
31	4 2	23 23	11 18	14 3	53 24	36	♀ * h		♂	♂	Δ	

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	15	08 34	8 N21	28 17	08 27	1 N25	4 N26
4	16	14	0 34	8 23	2 17	0 20	1 26	4 32
7	16	14	0 34	8 25	2 16	0 12	1 26	4 39
10	16	13	0 33	8 27	2 16	0 5	1 27	4 46
13	16	13	0 33	8 30	2 15	0 N 3	1 27	4 54
16	16	12	0 33	8 32	2 15	0 11	1 28	5 2
19	16	12	0 33	8 35	2 15	0 19	1 28	5 11
22	16	11	0 33	8 38	2 15	0 27	1 28	5 19
25	16	10	0 33	8 40	2 14	0 36	1 28	5 28
28	16	10	0 33	8 43	2 14	0 44	1 29	5 38

D M	D W	Sidereal Time.			☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H.	M.	S.	°	'	°	'	°	'
1	F	20	45	21	12 ^m 20	32	178	7	11	58
2	S	20	49	17	13	21	22	16	49	25
3	S	20	53	14	14	22	12	16	32	7 ^m 59
4	M	20	57	10	15	23	0	16	14	20
5	Tu	21	1	7	16	23	47	15	56	2
6	W	21	5	3	17	24	33	15	38	14
7	Th	21	9	0	18	25	18	15	19	26
8	F	21	12	56	19	26	3	15	0	8 ^w 20
9	S	21	16	53	20	26	46	14	41	20
10	S	21	20	50	21	27	27	14	22	2*
11	M	21	24	46	22	28	8	14	2	13
12	Tu	21	28	43	23	28	47	13	42	26
13	W	21	32	39	24	29	25	13	22	8
14	Th	21	36	36	25	30	1	13	2	20
15	F	21	40	32	26	30	35	12	41	3
16	S	21	44	29	27	31	8	12	21	16
17	S	21	48	25	28	31	39	12	0	29
18	M	21	52	22	29	32	7	11	39	12
19	Tu	21	56	19	0	32	35	11	17	26
20	W	22	0	15	1	33	0	10	56	10
21	Th	22	4	12	2	33	23	10	34	24
22	F	22	8	8	3	33	44	10	12	8
23	S	22	12	5	4	34	4	9	51	23
24	S	22	16	1	5	34	21	9	28	8
25	M	22	19	58	6	34	36	9	6	22
26	Tu	22	23	54	7	34	50	8	44	7
27	W	22	27	51	8	35	2	8	21	22
28	Th	22	31	48	9	35	13	7	59	6

1850.]

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	3 N 7	26 N 3	0 S 56	19 S 54	2 N 34	11 S 4	24 31
4	3 4	26 2	1 1	19 2	3 15	11 10	24 22
7	3 2	26 2	1 6	18 5	3 39	11 49	24 12
10	2 59	26 1	1 10	17 3	3 42	12 49	24 3
13	2 55	26 1	1 14	15 57	3 25	13 54	23 53
16	2 52	26 1	1 17	14 46	2 55	14 53	23 44
19	2 49	26 1	1 20	13 32	2 18	15 40	23 34
22	2 47	26 2	1 22	12 15	1 39	16 43	23 25
25	2 44	26 2	1 24	10 55	1 1	16 31	23 15
28	2 42	26 1	1 25	9 32	0 25	16 34	23 6

D M	h		♄		♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'	°	'								
1	4 r 8	22 m 7	18 11	19 5	8 24	m 9				Δ						
2	4 13	22 2	18 26	6 23	23 3	32					♂					Δ
3	4 19	21 57	18 33	7 39	22 45				♂ * ♀						□	
4	4 25	21 52	18 41	8 54	21 51					□				*		□
5	4 31	21 47	18 49	10 10	20 49							Δ				
6	4 37	21 42	18 58	11 25	19 42				♈ ♀	*					♂	*
7	4 43	21 37	19 7	12 39	18 32				☉ ♂ ♀		Δ			□		
8	4 49	21 31	19 17	13 55	17 21				☉ Δ ♂			□				
9	4 55	21 25	19 28	15 10	16 10				♀ ♂ ♀		□			Δ		
10	5 1	21 19	19 39	16 25	15 2							*				
11	5 7	21 13	19 51	17 40	13 58										Δ	♂
12	5 13	21 7	20 41	18 56	13 0				☉ P ♀	♂	*				Δ	♂
13	5 20	21 1	20 17	20 11	12 8				♂ Δ ♀							
14	5 26	20 55	20 30	21 26	11 22									♂	□	
15	5 32	20 49	20 44	22 41	10 45				♂ * ♀			♂				
16	5 38	20 42	20 58	23 56	10 15				♀ P ♀						*	*
17	5 44	20 34	21 13	25 11	9 52					*	♂				*	
18	5 51	20 28	21 29	26 27	9 38											□
19	5 58	20 21	21 45	27 42	9 31					□				Δ		□
20	6 5	20 14	22 1	28 57	9 D 30							*				Δ
21	6 12	20 7	22 18	0 x 12	9 36						*			□	♂	Δ
22	6 19	20 0	22 35	1 27	9 49					Δ			□			
23	6 26	19 53	22 53	2 42	10 7						□			*		
24	6 33	19 45	23 11	3 57	10 31							Δ				♂
25	6 39	19 38	23 29	5 12	11 0						Δ				*	
26	6 46	19 31	23 48	6 27	11 33				☉ P ♀	♂					♂	
27	6 53	19 23	24 7	7 42	12 12				☉ ♂ ♀					♂	□	
28	7 0	19 15	24 27	8 57	12 54							♂				

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 33	8 N44	2 S14	0 N47	1 N30	5 N41
4	16	8	0 33	8 48	2 14	0 55	1 30	5 50
7	16	8	0 33	8 51	2 14	1 4	1 30	5 59
10	16	7	0 33	8 54	2 13	1 13	1 30	6 9
13	16	6	0 33	8 57	2 13	1 22	1 30	6 18
16	16	5	0 33	9 1	2 13	1 30	1 30	6 27
19	16	4	0 33	9 4	2 13	1 39	1 30	6 36
22	16	4	0 33	9 8	2 13	1 48	1 30	6 45
25	16	3	0 33	9 12	2 13	1 57	1 30	6 53
28	16	2	0 33	9 15	2 13	2 6	1 30	7 1
31	16	1	0 33	9 19	2 13	2 15	1 29	7 8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	22 35 44	10 35 21	7 36	19 49	4 N22	3 S42	23 50
2	S	22 39 41	11 35 28	7 13	3 8	4 56	7 56	23 53
3	S	22 43 37	12 35 34	6 50	16 3	5 13	11 39	23 55
4	M	22 47 34	13 35 37	6 27	28 36	5 15	14 45	23 58
5	Tu	22 51 30	14 35 40	6 4	10 52	5 2	17 7	24 0
6	W	22 55 27	15 35 40	5 41	22 53	4 35	18 41	24 3
7	Th	22 59 23	16 35 39	5 18	4 46	3 58	19 25	24 6
8	F	23 3 20	17 35 36	4 54	16 34	3 10	19 45	24 9
9	S	23 7 17	18 35 32	4 31	28 24	2 15	18 29	24 12
10	S	23 11 13	19 35 26	4 7	10 19	1 13	16 23	24 15
11	M	23 15 10	20 35 18	3 44	22 22	0 7	13 57	24 18
12	Tu	23 19 6	21 35 8	3 20	4 37	1 S 0	10 45	24 21
13	W	23 23 3	22 34 56	2 57	17 3	2 5	7 1	24 24
14	Th	23 26 59	23 34 43	2 33	29 49	3 5	2 54	24 27
15	F	23 30 56	24 34 27	2 9	12 48	3 57	1 N25	24 30
16	S	23 34 52	25 34 9	1 46	26 1	4 37	5 45	24 34
17	S	23 38 49	26 33 49	1 22	9 27	5 3	9 52	24 37
18	M	23 42 45	27 33 27	0 58	23 5	5 12	13 31	24 40
19	Tu	23 46 42	28 33 3	0 35	6 53	5 3	16 30	24 43
20	W	23 50 39	29 32 36	0 11	20 51	4 36	18 33	24 46
21	Th	23 54 35	0 32 7	0 N13	4 56	3 53	19 29	24 50
22	F	23 58 32	1 31 35	0 36	19 8	2 55	19 12	24 53
23	S	0 2 28	2 31 2	1 0	3 24	1 46	17 42	24 56
24	S	0 6 25	3 30 25	1 24	17 43	0 30	15 4	24 59
25	M	0 10 21	4 29 47	1 47	2 1	0 N48	11 31	25 3
26	Tu	0 14 18	5 29 7	2 11	16 14	2 2	7 18	25 6
27	W	0 18 14	6 28 24	2 34	0 19	3 8	2 45	25 9
28	Th	0 22 11	7 27 39	2 58	14 10	4 1	1 S 53	25 12
29	F	0 26 8	8 26 53	3 21	27 44	4 39	6 19	25 15
30	S	0 30 4	9 26 4	3 44	10 58	5 2	10 21	25 19
31	S	0 34 1	10 25 13	4 8	28 52	5 8	13 47	25 22

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 S 33	9 N 20	2 S 13	2 N 18	1 N 29	7 N 11
4	16	0	0 32	9 24	2 13	2 26	1 29	7 18
7	15	59	0 32	9 28	2 13	2 35	1 29	7 24
10	15	58	0 32	9 31	2 13	2 44	1 28	7 30
13	15	58	0 32	9 35	2 13	2 52	1 28	7 35
16	15	57	0 32	9 39	2 13	3 1	1 27	7 40
19	15	56	0 32	9 43	2 13	3 9	1 27	7 44
22	15	55	0 32	9 46	2 14	3 18	1 26	7 48
25	15	54	0 32	9 50	2 14	3 26	1 26	7 51
28	15	54	0 32	9 54	2 14	3 34	1 25	7 53

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	0 37 57	11 r 24 21	4 N 31	6 r 26	4 N 59	16 S 29	25 r 26
2	Tu	0 41 54	12 23 26	4 54 18	44	4 36 18	23	25 30
3	W	0 45 50	13 22 30	5 17 0	w 47	4 219	25	25 33
4	Th	0 49 47	14 21 32	5 40 12	40	3 17 19	35	25 36
5	F	0 53 43	15 20 33	6 3 24	30	2 24 18	52	25 40
6	S	0 57 40	16 19 31	6 25 6	ma 20	1 25 17	20	25 43
7	S	1 1 37	17 18 28	6 48 18	16	0 22 15	1	25 46
8	M	1 5 33	18 17 23	7 11 0	x 24	0 S 43	12	1 25 49
9	Tu	1 9 30	19 16 17	7 33 12	47	1 47 8	25	25 53
10	W	1 13 26	20 15 8	7 55 25	27	2 48 4	22	25 56
11	Th	1 17 23	21 13 58	8 17 8	r 28	3 41 0	1	26 0
12	F	1 21 19	22 12 45	8 39 21	48	4 23 4	N 26	26 3
13	S	1 25 16	23 11 31	9 1 5	8 27	4 52 8	46	26 7
14	S	1 29 12	24 10 15	9 23 19	20	5 3 12	42	26 10
15	M	1 33 9	25 8 56	9 44 3	Π 23	4 57 15	59	26 14
16	Tu	1 37 6	26 7 35	10 6 17	33	4 33 18	21	26 17
17	W	1 41 2	27 6 12	10 27 1	55 45	3 52 19	35	26 20
18	Th	1 44 59	28 4 47	10 48 15	57	2 56 19	35	26 24
19	F	1 48 55	29 3 20	11 9 0	Ω 5	1 50 18	21	26 27
20	S	1 52 52	0 8 1 50	11 29 14	10	0 38 16	0	26 31
21	S	1 56 48	1 0 18	11 50 28	9	0 N 37	12	42 26 34
22	M	2 0 45	1 58 45	12 10 12	w 3	1 48 8	43	26 38
23	Tu	2 4 41	2 57 9	12 30 25	51	2 53 4	18	26 41
24	W	2 8 38	3 55 31	12 50 9	Δ 29	3 47 0	S 17	26 44
25	Th	2 12 34	4 53 51	13 10 22	57	4 27 4	48	26 48
26	F	2 16 31	5 52 9	13 29 6	ma 12	4 52 9	0	26 51
27	S	2 20 28	6 50 25	13 48 19	12	5 1 12	42	26 54
28	S	2 24 24	7 48 40	14 7 1	z 57	4 55 15	45	26 58
29	M	2 28 21	8 46 53	14 26 14	25	4 35 18	0	27 1
30	Tu	2 32 17	9 45 4	14 45 26	38	4 2 19	23	27 4

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	2 N 12	25 N 27	1 S 3	6 N 24	2 S 17	3 S 53	21 Q 24
4	2 10	25 19	0 58	7 52	2 8	1 37	21 15
7	2 7	25 10	0 53	9 19	1 55	0 N 48	21 5
10	2 5	25 0	0 46	10 44	1 38	3 21	20 56
13	2 2	24 49	0 40	12 7	1 15	6 0	20 46
16	2 0	24 38	0 33	13 27	0 49	8 43	20 37
19	1 57	24 25	0 27	14 44	0 19	11 27	20 27
22	1 55	24 11	0 20	15 58	0 N 13	14 7	20 18
25	1 52	23 55	0 13	17 8	0 45	16 38	20 8
28	1 50	23 39	0 6	18 14	1 16	18 53	19 59

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
1	10 r 55	15 m 17	7 s 28	18 r 47	25 x 30		Δ		Δ			
2	11 3 15	15 R 11	7 56 20	18 r 47	25 x 30					□		Δ
3	11 10 15	5 8	25 21	16 29	3 5 P h		Δ					□
4	11 18 14	59 8	53 22	30 0 r 51	4 5 P h		□	□	Δ	♂		□
5	11 25 14	52 9	21 23	44 2 41			□	□				
6	11 38 14	47 9	51 24	58 4 82					*			*
7	11 41 14	42 10	20 26	13 6 25	h ♂ ♀		*	*				*
8	11 48 14	36 10	49 27	27 8 20						♂	Δ	*
9	11 56 14	30 11	18 28	42 10 15						♂	Δ	
10	12 3 14	25 11	47 29	56 12 13	h ♂ ♀							
11	12 11 14	20 12	16 1 s 10	14 12	♂ □ h		♂	♂	♂		□	
12	12 18 14	15 12	46 2	24 16 12			♂	♂				♂
13	12 25 14	10 13	16 3	39 18 13								♂
14	12 33 14	5 13	46 4	52 20 16						Δ	*	
15	12 40 14	1 14	16 6	6 22 20	4 * ♂							
16	12 47 13	57 14	46 7	21 24 25	♂ ♂ h				*	□		
17	12 55 13	53 15	16 8	35 26 31	h ♂ ♀		*	*				*
18	13 2 13	49 15	47 9	48 28 38	♂ ♂ ♀				□	*	♂	*
19	13 9 13	45 16	18 11	2 0 s 45	♂ ♂ ♀		□	□				□
20	13 17 13	41 16	4 s 12	16 2 53	♂ ♂ ♀				Δ			□
21	13 25 13	38 17	18 13	31 5 1			Δ	Δ				
22	13 32 13	35 17	49 14	44 7 9						♂	*	Δ
23	13 40 13	32 18	20 15	58 9 17						♂	*	Δ
24	13 47 13	28 18	52 17	12 11 24					♂			
25	13 54 13	25 19	23 18	26 13 30	4 Δ ♀			♂			□	
26	14 2 13	23 19	55 19	40 13 35	♂ * ♀		♂					
27	14 9 13	20 20	26 20	53 17 39						*	Δ	♂
28	14 16 13	18 20	57 22	7 19 40								♂
29	14 23 13	16 21	29 23	21 21 39	♂ * ♀				Δ	□		
30	14 30 13	15 22	1 24	35 23 36			Δ					

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	0 S 32	9 N 57	2 S 15	3 N 42	1 N 24	7 N 54
4	15	52	0 32	10 1	2 15	3 50	1 24	7 55
7	15	51	0 32	10 5	2 15	3 57	1 23	7 56
10	15	51	0 32	10 8	2 15	4 5	1 23	7 55
13	15	50	0 32	10 12	2 16	4 12	1 22	7 54
16	15	49	0 33	10 15	2 16	4 19	1 22	7 53
19	15	49	0 33	10 18	2 16	4 26	1 21	7 51
22	15	48	0 33	10 21	2 17	4 33	1 20	7 48
25	15	48	0 33	10 25	2 17	4 39	1 19	7 44
28	15	47	0 33	10 28	2 18	4 45	1 19	7 40
31	15	47	0 33	10 31	2 19	4 51	1 18	7 36

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	2 36 14	10 8 43	14 15 N 3	8 47 40	3 N 19	19 S 51	27 7
2	Th	2 40 10	11 41 22	15 21	20 32	2 28	19 27	27 11
3	F	2 44 7	12 39 29	15 39	2 21	1 31	18 10	27 14
4	S	2 48 3	13 37 34	15 56	14 11	0 29	16 7	27 18
5	S	2 52 0	14 35 39	16 14	26 8	0 S 34	13 21	27 21
6	M	2 55 57	15 33 41	16 31	8 17	1 37	9 58	27 25
7	Tu	2 59 53	16 31 43	16 47	20 42	2 36	6 5	27 28
8	W	3 3 50	17 29 43	17 4	3 29	3 30	1 49	27 32
9	Th	3 7 46	18 27 41	17 20	16 40	4 14	2 N 39	27 35
10	F	3 11 43	19 25 38	17 36	0 16	4 45	7 8	27 38
11	S	3 15 39	20 23 34	17 52	14 14	5 0	11 21	27 42
12	S	3 19 36	21 21 28	18 7	28 31	4 57	15 1	27 45
13	M	3 23 32	22 19 21	18 22	13 1	4 34	17 50	27 48
14	Tu	3 27 29	23 17 12	18 36	27 37	3 54	19 32	27 51
15	W	3 31 26	24 15 2	18 51	12 5	2 59	19 56	27 54
16	Th	3 35 22	25 12 49	19 5	26 39	1 52	19 0	27 57
17	F	3 39 19	26 10 36	19 19	10 57	0 39	16 52	28 0
18	S	3 43 15	27 8 20	19 32	25 2	0 N 35	13 44	28 3
19	S	3 47 12	28 6 3	19 45	8 55	1 46	9 53	28 6
20	M	3 51 8	29 3 44	19 58	22 35	2 51	5 33	28 9
21	Tu	3 55 5	0 1 24	20 10	6 4	3 44	1 1	28 12
22	W	3 59 1	0 59 2	20 22	19 21	4 25	3 S 30	28 15
23	Th	4 2 58	1 56 38	20 34	2 26	4 50	7 47	28 18
24	F	4 6 55	2 54 14	20 45	15 19	5 1	11 38	28 21
25	S	4 10 51	3 51 48	20 56	28 1	4 57	14 55	28 24
26	S	4 14 48	4 49 20	21 7	10 7	4 38	17 27	28 27
27	M	4 18 44	5 46 52	21 17	22 47	4 6	19 10	28 30
28	Tu	4 22 41	6 44 23	21 27	4 53	3 24	19 58	28 33
29	W	4 26 37	7 41 52	21 37	16 49	2 33	19 52	28 36
30	Th	4 30 34	8 39 21	21 46	28 40	1 36	18 53	28 39
31	F	4 34 30	9 36 49	21 55	10 27	0 34	17 5	28 41

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.						
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.							
	° /	° /	° /	° /	° /	° /	° /						
1	1 N 49	23 N 22	0 N 2	19 N 16	1 N 42	20 N 49	19 Ω 49						
4	1 47	23 3	0 10	20 14	2 4	22 24	19 40						
7	1 44	22 43	0 18	21 6	2 20	23 36	19 30						
10	1 42	22 22	0 25	21 53	2 27	24 26	19 21						
13	1 40	22 0	0 32	22 35	2 26	24 56	19 11						
16	1 38	21 37	0 39	23 11	2 16	25 7	19 2						
19	1 36	21 13	0 47	23 41	1 59	25 3	18 52						
22	1 34	20 48	0 54	24 5	1 33	24 45	18 43						
25	1 32	20 21	1 0	24 23	0 59	24 15	18 33						
28	1 30	19 53	1 6	24 35	0 17	23 35	18 24						
31	1 28	19 25	1 12	24 39	0 31	22 47	18 14						
D M	h Long.	Λ Long.	♂ Long.	♀ Long.	♊ Long.	Mutual Aspts.	Lunar Aspects.						
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋	♌
1	14 r 37	13 m 13	22 32	25 49	25 31	♀ ♂ ♀	Δ		□	Δ			
2	14 44	13 R 11	23 4	27 2	27 22							♂	
3	14 51	13 10	23 37	28 16	29 11			□				Δ	Δ
4	14 57	13 9	24 9	29 30	0 57	☉ Δ ♈	□		*				
5	15 4	13 8	24 41	0 43	2 38			*				□	
6	15 11	13 7	25 13	1 56	4 16						♊		□
7	15 17	13 7	25 46	3 10	5 52		*					Δ	
8	15 24	13 6	26 18	4 24	7 22								*
9	15 31	13 6	26 51	5 37	8 51				♈				*
10	15 37	13 6	27 23	6 51	10 14			♈				□	
11	15 44	13 6	27 56	8 5	11 34	♈ □ ♂	♈				Δ		
12	15 51	13 D 6	28 29	9 18	12 49	♈ □ ♀						*	♈
13	15 57	13 7	29 2	10 31	14 2				*	□			♈
14	16 4	13 8	29 35	11 45	15 10			*					
15	16 11	13 9	0 Ω 8	12 58	16 13	♈ * ♀				□	*		
16	16 17	13 10	0 41	14 12	17 13		*	□				♈	
17	16 24	13 11	1 14	15 25	18 8					Δ			*
18	16 31	13 12	1 47	16 38	18 59	♈ * ♀	□	Δ					*
19	16 37	13 14	2 21	17 51	19 46						♈		
20	16 43	13 16	2 54	19 4	20 28							□	□
21	16 49	13 18	3 28	20 17	21 6		Δ					*	
22	16 55	13 20	4 1	21 31	21 39	♀ ♂ ♀				♈			Δ
23	17 1	13 22	4 35	22 44	22 8	☉ ∠ ♈		♈				□	
24	17 7	13 25	5 9	23 57	22 32						*		
25	17 13	13 27	5 43	25 10	22 51		♈						
26	17 19	13 30	6 17	26 23	23 6						□	Δ	
27	17 25	13 32	6 50	27 36	23 16				Δ	Δ			♈
28	17 31	13 36	7 24	28 50	23 21	♈ * ♀							♈
29	17 37	13 39	7 58	0 3	23 21					□	Δ		
30	17 43	13 43	8 32	1 16	23 17	☉ * ♂		□					
31	17 49	13 47	9 6	2 28	23 9		Δ					♈	

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	0 S 33	10 N 32	2 S 19	4 N 53	1 N 18	7 N 34
4	15	47	0 33	10 35	2 20	4 59	1 17	7 29
7	15	46	0 33	10 37	2 21	5 4	1 17	7 23
10	15	46	0 33	10 40	2 21	5 9	1 16	7 16
13	15	46	0 34	10 42	2 22	5 14	1 15	7 9
16	15	46	0 34	10 45	2 22	5 19	1 15	7 2
19	15	45	0 34	10 47	2 23	5 23	1 15	6 54
22	15	45	0 34	10 49	2 23	5 27	1 15	6 46
25	15	45	0 34	10 51	2 24	5 31	1 15	6 37
28	15	45	0 34	10 53	2 25	5 34	1 14	6 28

D M	D W	Sidereal Time.		☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.		° / '	° / '	° / '	° / '	° / '	° / '
1	S	4 38 27	10	34 16	22 N 3	22 m 17	0 S 29	14 S 33	28 r 45
2	S	4 42 24	11	31 43	22 11	4 x 13	1 31	11 23	28 48
3	M	4 46 20	12	29 9	22 19	16 21	2 31	7 42	28 50
4	Tu	4 50 17	13	26 34	22 26	28 46	3 24	3 37	28 53
5	W	4 54 13	14	23 59	22 33	11 r 33	4 10	0 N 45	28 55
6	Th	4 58 10	15	21 23	22 39	24 46	4 43	5 12	28 58
7	F	5 2 6	16	18 47	22 45	8 x 27	5 2	9 34	29 0
8	S	5 6 3	17	16 10	22 51	22 35	5 3	13 32	29 3
9	S	5 9 59	18	13 32	22 56	7 6	4 46	16 49	29 5
10	M	5 13 56	19	10 53	23 1	21 54	4 9	19 4	29 8
11	Tu	5 17 53	20	8 14	23 5	6 51	3 14	20 3	29 10
12	W	5 21 49	21	5 34	23 9	21 47	2 6	19 37	29 13
13	Th	5 25 46	22	2 53	23 13	6 36	0 50	17 50	29 16
14	F	5 29 42	23	0 11	23 16	21 10	0 N 28	14 54	29 18
15	S	5 33 39	23	57 29	23 19	5 m 27	1 43	11 7	29 20
16	S	5 37 35	24	54 46	23 22	19 24	2 50	6 48	29 23
17	M	5 41 32	25	52 2	23 24	3 1	3 46	2 15	29 25
18	Tu	5 45 29	26	49 17	23 25	16 21	4 28	2 S 18	29 27
19	W	5 49 25	27	46 31	23 26	29 25	4 56	6 40	29 29
20	Th	5 53 22	28	43 45	23 27	12 m 13	5 7	10 38	29 31
21	F	5 57 18	29	40 58	23 27	24 49	5 4	14 4	29 33
22	S	6 1 15	0	38 11	23 27	7 f 14	4 47	16 49	29 35
23	S	6 5 11	1	35 23	23 27	19 28	4 16	18 47	29 37
24	M	6 9 8	2	32 35	23 26	1 v 33	3 34	19 53	29 39
25	Tu	6 13 4	3	29 46	23 25	13 30	2 43	20 4	29 41
26	W	6 17 1	4	26 57	23 23	25 21	1 45	19 21	29 43
27	Th	6 20 58	5	24 8	23 21	7 m 9	0 43	17 48	29 45
28	F	6 24 54	6	21 20	23 18	18 57	0 S 21	15 29	29 47
29	S	6 28 51	7	18 31	23 15	0 x 47	1 24	12 31	29 49
30	S	6 32 47	8	15 42	23 12	12 44	2 25	9 1	29 51

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	1 N 27	19 N 15	1 N 15	24 N 40	0 S 48	22 N 29	18 2 10
4	1 25	18 45	1 20	24 36	1 39	21 34	18 1
7	1 24	18 14	1 25	24 26	2 30	20 38	17 51
10	1 22	17 42	1 29	24 9	3 15	19 45	17 42
13	1 20	17 9	1 33	23 46	3 51	19 1	17 32
16	1 18	16 35	1 36	23 17	4 16	18 28	17 23
19	1 16	16 0	1 39	22 42	4 27	18 11	17 13
22	1 14	15 24	1 41	22 2	4 27	18 10	17 4
25	1 12	14 47	1 43	21 15	4 7	18 23	16 54
28	1 10	14 10	1 44	20 24	3 56	18 51	16 45

D M	h		♄		♃		♀		♂		Mutnal Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	°	'	°	'	°	'	°	'	°	'		°	'	°	'	°	'
1	17 54	13 50	9 41	3 41	22 56	♄ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
2	18 013	55 10	15 4	54 22	39	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
3	18 613	59 10	49 6	7 22	20	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
4	18 1114	3 11	33 7	20 21	56	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
5	18 1614	7 11	58 8	33 21	29	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
6	18 2114	12 12	33 9	46 21	1	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
7	18 2614	16 13	8 10	58 20	30	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
8	18 3114	21 13	42 12	11 19	58	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
9	18 3614	26 14	17 13	24 19	24	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
10	18 4114	32 14	52 14	36 18	50	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
11	18 4614	37 15	26 15	49 18	17	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
12	18 5114	43 16	1 17	1 17	45	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
13	18 5514	48 16	36 18	14 17	13	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
14	19 014	54 17	11 19	27 16	44	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
15	19 515	0 17	46 20	39 16	16	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
16	19 1015	6 18	21 21	51 15	52	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
17	19 1415	12 18	56 23	3 15	31	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
18	19 1815	19 19	31 24	16 15	13	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
19	19 2215	25 20	7 25	29 15	0	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
20	19 2715	32 20	42 26	41 14	51	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
21	19 3115	38 21	18 27	53 14	46	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
22	19 3515	45 21	53 29	5 14	45	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
23	19 3915	52 22	29 0	18 14	49	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
24	19 4316	0 23	3 1	30 14	58	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
25	19 4716	8 23	40 2	42 15	12	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
26	19 5116	15 24	15 3	54 15	31	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
27	19 5516	22 24	51 5	6 15	54	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
28	19 5816	29 25	26 6	18 16	22	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
29	20 116	37 26	2 7	30 16	55	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋
30	20 416	46 26	38 8	42 17	32	☉ P ☉	☉	☿	♈	♉	♊	☉	☿	♈	♉	♊	♋

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 33	10 55	2 26	5 37	1 13	6 18
4	15	45	0 33	10 57	2 27	5 40	1 13	6 8
7	15	45	0 33	10 58	2 28	5 42	1 12	5 57
10	15	45	0 33	11 0	2 29	5 44	1 12	5 46
13	15	45	0 33	11 1	2 29	5 46	1 11	5 35
16	15	46	0 34	11 2	2 30	5 47	1 11	5 24
19	15	46	0 34	11 3	2 31	5 48	1 11	5 12
22	15	46	0 34	11 3	2 32	5 49	1 11	4 59
25	15	46	0 34	11 4	2 32	5 50	1 10	4 47
28	15	47	0 34	11 4	2 33	5 50	1 10	4 34
31	15	47	0 34	11 5	2 34	5 49	1 9	4 21

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	6 36 44	9 52 12	54 23 N	8 24 52	3 38 20	5 8 6	29 52
2	Tu	6 40 40	10 10 6	23 4	7 16	4 7 0	54 29	54
3	W	6 44 37	11 7 18	22 59	20 1	4 44 3	N 27 29	56
4	Th	6 48 33	12 4 30	22 54	3 11	5 6 7	47 29	57
5	F	6 52 30	13 1 43	22 49	16 48	5 13 11	52 29	59
6	S	6 56 27	13 58 56	22 43	0 54	5 11 26	0 8	0
7	S	7 0 23	14 56 10	22 37	15 25	4 30 18	11 0	1
8	M	7 4 20	15 53 23	22 31	0 17	3 41 19	47 0	3
9	Tu	7 8 16	16 50 37	22 24	15 23	2 35 20	0 0	4
10	W	7 12 13	17 47 51	22 16	0 34	1 18 18	47 0	5
11	Th	7 16 9	18 45 6	22 9	15 39	0 N 5 16	14 0	7
12	F	7 20 6	19 42 20	22 1	0 30	1 25 12	38 0	8
13	S	7 24 2	20 39 35	21 52	15 1	2 39 8	21 0	9
14	S	7 27 59	21 36 49	21 43	29 10	3 41 3	42 0	10
15	M	7 31 56	22 34 42	21 34	12 53	4 28 0	8 59 0	11
16	Tu	7 35 52	23 31 19	21 24	26 14	4 59 5	29 0	12
17	W	7 39 49	24 28 35	21 14	9 13	5 14 9	37 0	13
18	Th	7 43 45	25 25 50	21 4	21 58	5 13 13	12 0	14
19	F	7 47 42	26 23 6	20 53	4 18	4 58 16	9 0	14
20	S	7 51 38	27 20 22	20 42	16 31	4 29 18	19 0	15
21	S	7 55 35	28 17 38	20 31	28 34	3 48 19	39 0	16
22	M	7 59 31	29 14 55	20 19	10 29	2 58 20	5 0	17
23	Tu	8 3 28	0 12 12	20 7	22 20	2 1 19	37 0	17
24	W	8 7 25	1 9 30	19 55	4 8	0 58 18	18 0	18
25	Th	8 11 21	2 6 48	19 42	15 56	0 S 7 16	11 0	18
26	F	8 15 18	3 4 8	19 29	27 46	1 12 13	23 0	19
27	S	8 19 14	4 1 28	19 16	9 41	2 15 10	1 0	20
28	S	8 23 11	4 58 49	19 2	21 43	3 12 6	13 0	21
29	M	8 27 7	5 56 12	18 48	3 56	4 1 2	7 0	21
30	Tu	8 31 4	6 53 35	18 34	16 23	4 40 2	N 8 0	21
31	W	8 35 0	7 50 59	18 19	29 9	5 6 6	24 0	21

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	1 N 9	13 N 31	1 N 44	19 N 28	3 S 30	19 N 28	16 Ω 35
4	1 7	12 52	1 44	18 27	2 57	20 13	16 25
7	1 5	12 12	1 43	17 22	2 20	21 0	16 15
10	1 3	11 32	1 40	16 12	1 41	21 46	16 6
13	1 1	10 50	1 37	14 59	1 1	22 26	15 56
16	0 59	10 8	1 34	13 43	0 22	22 53	15 47
19	0 57	9 25	1 30	12 24	0 N 15	23 4	15 37
22	0 56	8 42	1 24	11 2	0 45	22 52	15 28
25	0 54	7 58	1 18	9 37	1 11	22 17	15 18
28	0 52	7 14	1 12	8 11	1 30	21 13	15 9
31	0 50	6 29	1 5	6 43	1 41	19 53	14 59

D M	h ₂		♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "								
1	20 r 7	16 m 53	27 Ω 14	9 Ω 54	18 Π 15									
2	20 10 17	127 49	11 6 19	2				☐					Δ	*
3	20 13 17	10 28	25 12	18 19	54	h * ♀			♂					*
4	20 16 17	18 29	1 13	30 20	50			♂				Δ		
5	20 19 17	27 29	37 14	41 21	51			*				Δ	☐	
6	20 22 17	36 0 m	13 15	53 22	55	h Δ ♂							☐	*
7	20 25 17	45 0	50 17	5 24	4				*			☐	*	♂
8	20 28 17	53 1	27 18	17 25	18			♂	*			*		
9	20 30 18	2 2	3 19	28 26	36					☐	*			
10	20 32 18	11 2	40 20	40 27	57	☉ * ♀		☐						
11	20 34 18	20 3	16 21	51 29	24	h * ♀				Δ			♂	
12	20 36 18	29 3	52 23	3 0 s	54					Δ			♂	*
13	20 38 18	39 4	28 24	14 2	28	☉ ☐ h	*				♂			
14	20 40 18	48 5	4 25	26 4	6									☐
15	20 42 18	58 5	41 26	37 5	47	♂ * ♀								
16	20 44 19	7 6	18 27	48 7	31			☐	♂	♂			*	
17	20 46 19	17 6	55 28	59 9	18							*		Δ
18	20 48 19	27 7	32 0 m	10 11	11	h Δ ♀		Δ			*			
19	20 49 19	37 8	8 1	21 13	4							☐	☐	
20	20 51 19	46 8	45 2	33 15	2					Δ	☐			
21	20 53 19	56 9	21 3	44 17	0					Δ			Δ	
22	20 53 20	7 9	58 4	55 19	1								Δ	
23	20 55 20	17 10	35 6	5 21	4	☉ ☐ h		♂			☐	Δ		♂
24	20 56 20	27 11	12 7	16 23	8			♂			☐	*		
25	20 57 20	38 11	49 8	26 25	13					*				
26	20 57 20	49 12	27 9	37 27	19	♂ ∠ ♀		*						
27	20 58 21	0 13	4 10	48 29	25	h ☐ ♀						♂	♂	
28	20 58 21	10 13	41 11	59 1	31							♂		
29	20 59 21	20 14	18 13	9 3	38			Δ						Δ
30	20 59 21	31 14	56 14	19 5	44	☉ ∠ ♀			♂					
31	21 0 21	42 15	33 15	29 7	49	☉ ☐ ♀		♂						

AUGUST XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	°	'	°	'	°	'
1	15	47	0 34	11 N 5	2 34	5 N 49	1 N 9	4 N 17
4	15	47	0 34	11 5	2 35	5 48	1 9	4 3
7	15	48	0 34	11 5	2 36	5 47	1 8	3 49
10	15	48	0 34	11 5	2 37	5 46	1 8	3 36
13	15	49	0 34	11 4	2 38	5 44	1 7	3 21
16	15	49	0 34	11 4	2 38	5 42	1 7	3 7
19	15	50	0 34	11 3	2 39	5 39	1 7	2 53
22	15	50	0 35	11 2	2 40	5 36	1 7	2 38
25	15	51	0 35	11 1	2 41	5 33	1 7	2 23
28	15	52	0 35	11 0	2 42	5 30	1 7	2 8
31	15	52	0 35	10 59	2 43	5 26	1 6	1 53

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	8 38 57	8 2 48 25	18 N 4	12 3 15	5 S 18	10 N 29	0 20
2	F	8 42 54	9 45 52	17 49 25	45 5 12	14 9	0 20	
3	S	8 46 50	10 43 20	17 34 9	41 4 48	17 10	0 20	
4	S	8 50 47	11 40 50	17 18 24	2 4 6	19 13	0 21	
5	M	8 54 43	12 38 20	17 2 8	45 3 7	20 4	0 21	
6	Tu	8 58 40	13 35 52	16 45 23	45 1 54	19 30	0 21	
7	W	9 2 36	14 33 24	16 29 8	54 0 32	17 32	0 21	
8	Th	9 6 33	15 31 0	16 12 24	3 0 N 6	14 20	0 21	
9	F	9 10 29	16 28 35	15 55 9	3 2 11	10 13	0 21	
10	S	9 14 26	17 26 11	15 37 23	45 3 21	5 33	0 21	
11	S	9 18 23	18 23 49	15 20 8	5 4 15	0 42	0 21	
12	M	9 22 19	19 21 27	15 21 57	4 53 4	8 1	0 20	
13	Tu	9 26 16	20 19 6	14 43 5	25 5 14	8 24	0 20	
14	W	9 30 12	21 16 47	14 25 18	26 5 17	12 15	0 20	
15	Th	9 34 9	22 14 28	14 6 1	5 5 5	15 25	0 20	
16	F	9 38 5	23 12 11	13 48 13	26 4 39	17 49	0 19	
17	S	9 42 2	24 9 54	13 29 25	33 4 1	19 22	0 19	
18	S	9 45 58	25 7 39	13 9 7	29 3 12	20 3	0 18	
19	M	9 49 55	26 5 25	12 50 19	20 2 16	19 49	0 17	
20	Tu	9 53 52	27 3 12	12 30 1	8 1 15	18 42	0 17	
21	W	9 57 48	28 1 0	12 10 12	56 0 10	16 47	0 16	
22	Th	10 1 45	28 58 50	11 50 24	47 0 S 5	14 8	0 15	
23	F	10 5 41	29 56 41	11 30 6	44 1 59	10 53	0 15	
24	S	10 9 38	0 54 33	11 10 18	48 2 58	7 9	0 14	
25	S	10 13 34	1 52 28	10 49 1	1 3 49	3 6	0 13	
26	M	10 17 31	2 50 24	10 28 13	25 4 30	1 N 9	0 13	
27	Tu	10 21 27	3 48 22	10 7 26	3 4 59	5 25	0 11	
28	W	10 25 24	4 46 21	9 46 8	54 5 14	9 31	0 10	
29	Th	10 29 21	5 44 23	9 25 22	3 5 13	13 15	0 9	
30	F	10 33 17	6 42 26	9 3 5	30 4 55	16 24	0 8	
31	S	10 37 14	7 40 32	8 42 19	17 4 19	18 43	0 6	

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	0 N 50	6 N 14	1 N 2	6 N 13	1 N 44	19 N 27	14 56
4	0 48	5 29	0 53	4 43	1 46	17 45	14 47
7	0 47	4 43	0 44	3 12	1 42	15 50	14 37
10	0 45	3 56	0 34	1 40	1 34	13 47	14 28
13	0 44	3 10	0 24	0 7	1 21	11 38	14 18
16	0 42	2 23	0 13	1 8 25	1 5	9 26	14 9
19	0 40	1 36	0 2	2 58	0 45	7 13	13 59
22	0 38	0 48	0 8 10	4 30	0 24	5 1	13 50
25	0 36	0 1	0 23	6 1	0 1	2 50	13 40
28	0 34	0 8 47	0 36	7 31	0 8 24	0 42	13 31
31	0 32	1 35	0 49	9 1	0 49	1 8 22	13 21

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
1	21 17	0 21 17	53 16 17	10 16 17	40 9 54	♀ P ♂	☐					Δ	Δ
2	21 17	0 22	4 16	47 17	50 11 58	♀ P ♄	☐				Δ		☐
3	21	0 22	15 17	25 19	0 14 0		*						*
4	21	0 22	26 18	2 20	10 16 1			*	*	☐	☐	☐	
5	20	59 22	37 18	40 21	20 18 1	☉ P ♄							
6	20	59 22	49 19	17 22	30 19 59	♄ ♂ ♀	☐	☐	*	*	*		
7	20	59 23	0 19	55 23	39 21 55	♄ Δ ♀	♄						♄
8	20	58 23	11 20	33 24	49 23 50			Δ	Δ				
9	20	58 23	23 21	11 25	59 25 45								
10	20	57 23	34 21	48 27	9 27 38					♄	♄	♄	
11	20	56 23	46 22	26 28	18 29 29	♄ Δ ♀							
12	20	55 23	58 23	4 29	28 1 19		*		♄				*
13	20	54 24	10 23	43 0 38	3 6			♄					*
14	20	53 24	21 24	21 1	47 4 54	♄ ♂ ♂	☐			*	*	*	
15	20	52 24	33 24	59 2	56 6 39						*	*	
16	20	51 24	45 25	37 4	4 8 23								☐
17	20	49 24	57 26	14 5	13 10 5	♀ P ♂	Δ		Δ	☐	☐		
18	20	47 25	9 26	52 6	22 11 46			Δ				☐	
19	20	45 25	21 27	30 7	31 13 26				☐		Δ	Δ	Δ
20	20	44 25	33 28	9 8	40 15 4	♄ ☐ ♀	☐			Δ	Δ		
21	20	42 25	45 28	48 9	48 16 41								Δ
22	20	40 25	57 29	26 10	57 18 16		♄	*	*				
23	20	38 26	9 0 5	12 5 19	50								
24	20	36 26	22 0	43 13	14 21 23	☉ Δ ♄							♄
25	20	34 26	34 1	21 14	22 22 54					♄	♄		
26	20	32 26	47 1	59 15	30 24 24								♄
27	20	30 26	59 2	38 16	37 25 53			♄	♄				
28	20	28 27	12 3	17 17	45 27 19	♄ ♂ ♀	Δ						
29	20	25 27	24 3	56 18	53 28 45	☉ ☐ ♄	☐			Δ			
30	20	22 27	36 4	35 20	1 0 10	♀ ♂ ♄	☐						Δ
31	20	19 27	49 5	14 21	8 1 32				*			Δ	

SEPTEMBER XXX DAYS.

D M.	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	53	0 8 35	10 N 58	2 8 43	5 N 25	1 N 6	1 N 48
4	15	54	0 35	10 57	2 43	5 21	1 6	1 33
7	15	54	0 35	10 55	2 44	5 17	1 6	1 18
10	15	55	0 35	10 54	2 44	5 13	1 6	1 3
13	15	56	0 35	10 52	2 45	5 8	1 6	0 47
16	15	56	0 35	10 50	2 45	5 3	1 6	0 32
19	15	57	0 35	10 48	2 45	4 53	1 6	0 16
22	15	58	0 35	10 46	2 46	4 53	1 6	0 1
25	15	59	0 35	10 44	2 46	4 48	1 6	0 15
28	16	0	0 35	10 41	2 46	4 42	1 6	0 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	♄	10 41 10	8 ^m 38 39	8 N 20	3 ⁵⁵ 23	3 8 28	19 N 57	0 8 4
2	♅	10 45 7	9 36 48	7 58	17 49	2 22	19 55	0 3 3
3	♆	10 49 3	10 35 0	7 36	2 31	1 6	18 33	0 1
4	♇	10 53 0	11 33 13	7 14	17 24	0 N 16	15 53	0 0
5	♈	10 56 56	12 31 28	6 52	2 ^m 22	1 36	12 8	29 59
6	♉	11 0 53	13 29 45	6 30	17 16	2 50	7 39	29 57
7	♊	11 4 49	14 28 4	6 7	1 ⁵⁵ 58	3 51	2 45	29 56
8	♋	11 8 46	15 26 24	5 45	16 21	4 36	2 S 11	29 54
9	♌	11 12 43	16 24 46	5 22	0 ^m 20	5 4	6 51	29 53
10	♍	11 16 39	17 23 10	4 59	13 52	5 13	11 2	29 51
11	♎	11 20 36	18 21 36	4 36	26 58	5 5	14 33	29 50
12	♏	11 24 32	19 20 3	4 14	9 ⁴⁰ 40	4 42	17 16	29 48
13	♐	11 28 29	20 18 32	3 51	22 1	4 7	19 6	29 47
14	♑	11 32 25	21 17 2	3 23	4 ^m 7	3 21	20 2	29 45
15	♒	11 36 22	22 15 34	3 4	16 1	2 28	20 3	29 44
16	♓	11 40 18	23 14 7	2 41	27 50	1 28	19 10	29 42
17	♈	11 44 15	24 12 42	2 18	9 ^m 37	0 25	17 27	29 40
18	♉	11 48 12	25 11 19	1 55	21 28	0 S 39	14 59	29 38
19	♊	11 52 8	26 9 58	1 32	3 ^m 25	1 42	11 51	29 36
20	♋	11 56 5	27 8 39	1 8	15 31	2 42	8 12	29 34
21	♌	12 0 1	28 7 21	0 45	27 48	3 34	4 9	29 32
22	♍	12 3 58	29 6 6	0 21	10 ^r 18	4 17	0 N 8	29 30
23	♎	12 7 54	0 ⁵⁵ 4 52	0 S 2	23 0	4 48	4 29	29 28
24	♏	12 11 51	1 3 41	0 25	5 ⁵⁵ 55	5 5	8 42	29 26
25	♐	12 15 47	2 2 31	0 49	19 2	5 6	12 35	29 24
26	♑	12 19 44	3 1 25	1 12	2 ⁵⁵ 23	4 51	15 54	29 22
27	♒	12 23 41	4 0 20	1 36	15 55	4 20	18 24	29 20
28	♓	12 27 37	4 59 18	1 59	29 40	3 33	19 55	29 18
29	♈	12 31 34	5 58 18	2 22	13 ⁵⁵ 38	2 33	20 13	29 16
30	♉	12 35 30	6 57 20	2 46	27 48	1 23	19 16	29 14

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08 35	10 N 39	28 46	4 N 37	1 N 7	08 45
4	16	1	0 35	10 37	2 46	4 31	1 7	1 1
7	16	2	0 35	10 34	2 47	4 26	1 7	1 16
10	16	3	0 35	10 32	2 47	4 20	1 7	1 31
13	16	4	0 35	10 29	2 47	4 15	1 7	1 46
16	16	5	0 35	10 27	2 47	4 10	1 7	2 1
19	16	5	0 35	10 24	2 47	4 4	1 7	2 16
22	16	6	0 35	10 21	2 47	3 59	1 7	2 31
25	16	7	0 35	10 19	2 47	3 54	1 7	2 46
28	16	8	0 35	10 16	2 46	3 49	1 7	3 0
31	16	9	0 35	10 14	2 46	3 45	1 8	3 14

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	12 39 27	7 56 25	38 9	12 29	08 6	17 N 4	29 12
2	W	12 43 23	8 55 31	3 32	26 39	1 N 11	13 45	29 10
3	Th	12 47 20	9 54 40	3 56	11 14	2 24	9 35	29 8
4	F	12 51 16	10 53 52	4 19	25 48	3 27	4 50	29 5
5	S	12 55 13	11 53 5	4 42	10 15	4 17	08 8	29 3
6	S	12 59 9	12 52 21	5 5	24 29	4 49	5 0	29 0
7	M	13 3 6	13 51 39	5 28	8 22	5 4	9 31	28 56
8	Tu	13 7 3	14 50 58	5 51	21 53	5 0	13 25	28 55
9	W	13 10 59	15 50 20	6 14	5 0	4 41	16 32	28 53
10	Th	13 14 56	16 49 43	6 37	17 43	4 9	18 46	28 51
11	F	13 18 52	17 49 8	7 0	0 5	3 25	20 2	28 48
12	S	13 22 49	18 48 35	7 22	12 12	2 33	20 21	28 46
13	S	13 26 45	19 48 4	7 45	24 6	1 35	19 45	28 43
14	M	13 30 42	20 47 34	8 7	5 55	0 34	18 16	28 41
15	Tu	13 34 38	21 47 6	8 30	17 43	08 29	16 0	28 38
16	W	13 38 35	22 46 40	8 52	29 36	1 31	13 3	28 36
17	Th	13 42 32	23 46 16	9 14	11 38	2 30	9 31	28 33
18	F	13 46 28	24 45 53	9 36	23 53	3 22	5 32	28 31
19	S	13 50 25	25 45 33	9 58	6 22	4 6	1 14	28 28
20	S	13 54 21	26 45 14	10 19	19 9	4 38	3 N 13	28 26
21	M	13 58 18	27 44 57	10 41	2 13	4 57	7 36	28 23
22	Tu	14 2 14	28 44 42	11 2	15 31	5 0	11 42	28 21
23	W	14 6 11	29 44 30	11 23	29 2	4 47	15 18	28 19
24	Th	14 10 7	0 44 19	11 44	12 44	4 16	18 6	28 16
25	F	14 14 4	1 44 11	12 5	26 34	3 31	19 54	28 13
26	S	14 18 1	2 44 5	12 26	10 29	2 33	20 30	28 11
27	S	14 21 57	3 44 1	12 46	24 29	1 25	19 51	28 8
28	M	14 25 54	4 43 59	13 7	8 33	0 11	17 57	28 6
29	Tu	14 29 50	5 43 59	13 27	22 40	1 N 3	14 57	28 3
30	W	14 33 47	6 44 2	13 46	6 50	2 13	11 5	28 1
31	Th	14 37 43	7 44 6	14 6	20 59	3 16	6 34	27 59

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "
1	0 N 14	9 S 44	3 S 11	22 S 1	3 S 28	11 S 52	11 Ω 43
4	0 12	10 29	3 24	22 57	2 59	10 28	11 33
7	0 11	11 14	3 37	23 49	2 13	8 29	11 23
10	0 9	11 59	3 47	24 35	1 15	6 14	11 14
13	0 7	12 42	3 59	25 18	0 13	4 11	11 4
16	0 6	13 26	4 8	25 55	0 N 42	2 47	10 55
19	0 4	14 8	4 16	26 27	1 23	2 14	10 45
22	0 2	14 49	4 23	26 55	1 50	2 30	10 36
25	0 0	15 30	4 30	27 17	2 5	3 25	10 26
28	0 S 2	16 9	4 34	27 35	2 8	4 49	10 17
31	0 4	16 48	4 36	27 47	2 3	6 30	10 7

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♂	♀	♁
	° , ' , "	° , ' , "	° , ' , "	° , ' , "	° , ' , "							
1	18 r 18	4 Δ 28	25 Δ 43	24 m 32	22 Δ 11		*		Δ			
2	18 R 13	4 41 26	23 25	33 21	R 28			Δ			*	□ *
3	18 9	4 54 27	3 26	33 20	38							
4	18 4	5 7 27	44 27	33 19	41		♂					
5	18 0	5 20 28	25 28	33 18	38				♂		*	
6	17 55	5 32 29	5 29	32 17	30	♂ ♂ ♂		♂ ♂		♂		♂
7	17 51	5 45 29	46 0	31 16	21							
8	17 46	5 58 0 m 26	1 30	15 10	10	☉ ♂ ♀						
9	17 41	6 10 1	7 2	29 13	59					*	♂	
10	17 36	6 23 1	48 3	26 12	51		*		Δ			*
11	17 31	6 36 2	29 4	24 11	47	☉ ♂ h		Δ			*	
12	17 26	6 49 3	10 5	21 10	51				□	□		□
13	17 21	7 1 3	51 6	17 10	2		□	□				
14	17 16	7 14 4	32 7	13 9	24	h * ♀			*	Δ	□ *	Δ
15	17 11	7 27 5	13 8	8 8	54		Δ		*			
16	17 6	7 40 5	55 9	8 8	37	♀ * ♀		*				
17	17 2	7 52 6	37 9	58 8	D 80						Δ	□
18	16 57	8 5 7	18 10	52 8	34							
19	16 53	8 18 7	59 11	45 8	49				♂		Δ	♂
20	16 48	8 30 8	40 12	38 9	15	♂ ♀		♂				
21	16 44	8 43 9	22 13	30 9	50		♂ ♂					
22	16 39	8 56 10	3 14	21 10	34	☉ ♂ ♀					♂	
23	16 35	9 9 10	44 15	11 11	20					*		
24	16 30	9 21 11	26 16	1 12	25	☉ ♀			*	Δ	♂	Δ
25	16 26	9 34 12	8 16	50 13	30	h Δ ♀	Δ *					
26	16 21	9 47 12	49 17	38 14	41				□	□	Δ	□
27	16 17	9 59 13	31 18	25 15	56	h ♂ ♀		□				
28	16 12	10 12 14	13 19	12 17	16		□			*	□	
29	16 8	10 24 14	55 19	58 18	38			Δ	Δ		Δ	*
30	16 8	10 37 15	37 20	43 20	4		*					
31	15 59	10 49 16	19 21	27 21	33						*	□

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 35	10 N 18	28 46	3 N 43	1 N 8	38 19
4	16	9	0 35	10 10	2 46	3 39	1 8	3 33
7	16	10	0 35	10 8	2 45	3 35	1 8	3 47
10	16	11	0 35	10 5	2 45	3 31	1 8	4 0
13	16	12	0 35	10 3	2 44	3 27	1 9	4 14
16	16	12	0 34	10 1	2 44	3 24	1 9	4 27
19	16	13	0 34	9 59	2 43	3 21	1 10	4 39
22	16	13	0 34	9 56	2 42	3 19	1 10	4 52
25	16	14	0 34	9 54	2 41	3 17	1 11	5 4
28	16	14	0 34	9 53	2 40	3 15	1 11	5 16

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		☽ Long.		☽ Lat.		☽ Declin		♃ Long.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'	°	'
1	F	14	41	40	8 ^m 44	13	14	8 25	5 ^h 7	4 N 6	1 N 43	27	56	27	56
2	S	14	45	36	9 44	22	14	45 19	9	4 40	3 8 10	27	53	27	53
3	S	14	49	33	10 44	33	15	3 3 ^m 0	4	58	7 51	27	51	27	51
4	M	14	53	30	11 44	45	15	22 16	37	4 58	12 3	27	49	27	49
5	Tu	14	57	26	12 45	0	15	41 29	56	4 42	15 33	27	46	27	46
6	W	15	1	23	13 45	16	15	59 12	7 55	4 12	18 12	27	44	27	44
7	Th	15	5	19	14 45	34	16	17 25	35	3 29	19 54	27	42	27	42
8	F	15	9	16	15 45	53	16	34 7 ^w 55	2	38	20 36	27	39	27	39
9	S	15	13	12	16 46	14	16	52 20	1	1 40	20 19	27	37	27	37
10	S	15	17	9	17 46	36	17	9 1 ^m 55	0	38	19 7	27	35	27	35
11	M	15	21	5	18 47	0	17	25 13	44	0 8 24	17 6	27	33	27	33
12	Tu	15	25	2	19 47	25	17	42 25	32	1 26	14 22	27	31	27	31
13	W	15	28	59	20 47	52	17	58 7 ^x 25	2	24	11 1	27	29	27	29
14	Th	15	32	55	21 48	19	18	14 19	28	3 17	7 11	27	26	27	26
15	F	15	36	52	22 48	48	18	29 1 ^r 47	4	1 2	59 27	27	24	27	24
16	S	15	40	48	23 49	19	18	45 14	25	4 35	1 N 27	27	23	27	23
17	S	15	44	44	24 49	50	18	59 27	24	4 56	5 57	27	20	27	20
18	M	15	48	41	25 50	24	19	14 10 ^x 44	5	2 10	16 27	27	18	27	18
19	Tu	15	52	38	26 50	58	19	28 24	24	4 50	14 11	27	16	27	16
20	W	15	56	34	27 51	34	19	42 8 ^h 21	4	21	17 25	27	14	27	14
21	Th	16	0	31	28 52	12	19	55 22	30	3 36	19 39	27	12	27	12
22	F	16	4	28	29 52	51	20	8 6 ^h 46	2	37	20 40	27	10	27	10
23	S	16	8	24	0 ^r 53	31	20	21 21	4	1 28	20 22	27	8	27	8
24	S	16	12	21	1 54	14	20	33 5 ^h 20	0	13	18 44	27	6	27	6
25	M	16	16	17	2 54	57	20	45 19	32	1 N 2	15 58	27	4	27	4
26	Tu	16	20	14	3 55	43	20	57 3 ^m 38	2	13	12 15	27	2	27	2
27	W	16	24	10	4 56	30	21	8 17	38	3 16	7 54	27	0	27	0
28	Th	16	28	7	5 57	18	21	19 1 ^h 30	4	6 3	10 26	27	59	27	59
29	F	16	32	3	6 58	8	21	29 15	14	4 42	18 40	26	57	26	57
30	S	16	36	0	7 58	59	21	39 28	50	5 1	6 22	26	55	26	55

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	08 4	178 0	48 36	278 50	2N 0	78 6	10Ω 4
4	0 6	17 37	4 37	27 57	1 48	8 59	9 55
7	0 8	18 13	4 33	27 58	1 34	10 53	9 45
10	0 10	18 48	4 27	27 56	1 15	12 47	9 36
13	0 12	19 21	4 21	27 49	0 56	14 37	9 26
16	0 14	19 52	4 9	27 37	0 36	16 21	9 17
19	0 16	20 23	3 54	27 22	0 15	17 59	9 7
22	0 18	20 51	3 36	27 3	08 6	19 29	8 58
25	0 19	21 18	3 12	26 39	0 25	20 51	8 48
28	0 20	21 43	2 44	26 11	0 45	22 4	8 39

D M	h	γ	δ	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	°	'	°	'	°							
1	15 54	11 11	17 17	22 9	23 3							
2	15 50	11 13	17 43	22 51	24 35							
3	15 46	11 25	18 26	23 32	26 8							
4	15 42	11 37	19 8	24 12	27 42	☿♂♂	♈					
5	15 38	11 49	19 50	24 50	29 16	♈♂♂	♈					
6	15 34	12 1	20 32	25 27	0 52							
7	15 31	12 13	21 15	26 3	2 28							
8	15 27	12 25	21 57	26 38	4 4							
9	15 23	12 37	22 40	27 12	5 41							
10	15 19	12 49	23 23	27 44	7 18	☿♂♂	♈					
11	15 16	13 1	24 5	28 14	8 55							
12	15 12	13 12	24 47	28 42	10 32							
13	15 9	13 23	25 30	29 9	12 8							
14	15 6	13 35	26 13	29 35	13 45							
15	15 3	13 46	26 56	29 59	15 21	♂♂♂						
16	15 0	13 58	27 38	0 21	16 57							
17	14 57	14 9	28 21	0 41	18 33							
18	14 54	14 20	29 4	0 59	20 9							
19	14 51	14 31	29 47	1 15	21 45							
20	14 48	14 43	0 1	29 30	23 20	♈♂♂						
21	14 45	14 54	1 14	1 41	24 55							
22	14 42	15 4	1 57	1 50	26 30	☉♂♂						
23	14 39	15 15	2 40	1 57	28 5							
24	14 37	15 26	3 23	2 29	40	♈♂♂						
25	14 35	15 37	4 6	2 51	14	♈♂♂						
26	14 33	15 47	4 50	2 5	2 49							
27	14 31	15 58	5 34	2 3	4 24							
28	14 29	16 8	6 17	1 59	5 59	☉♂♂						
29	14 27	16 18	7 1	1 52	7 33	☉♂♂						
30	14 25	16 29	7 44	1 42	9 7							

DECEMBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	0 S 34	9 N 51	2 S 40	3 N 13	1 N 11	5 S 27
4	16	15	0 34	9 49	2 39	3 12	1 12	5 38
7	16	16	0 34	9 48	2 39	3 11	1 12	5 49
10	16	16	0 34	9 46	2 38	3 11	1 13	5 59
13	16	16	0 34	9 45	2 37	3 11	1 13	6 9
16	16	17	0 34	9 44	2 37	3 11	1 14	6 18
19	16	17	0 34	9 43	2 36	3 12	1 15	6 27
22	16	17	0 33	9 43	2 35	3 14	1 15	6 35
25	16	17	0 33	9 42	2 34	3 15	1 16	6 43
28	16	17	0 33	9 42	2 33	3 17	1 16	6 51
31	16	17	0 33	9 41	2 32	3 19	1 17	6 58

D M	D W	Sidereal Time.	☉ Long.		☽ Declin		♂ Long.		♀ Lat.		♂ Declin		♀ Long.	
		H. M. S.	°	'	°	'	°	'	°	'	°	'	°	'
1	S	16 39 57	8	59 52	21 S 49	12 m 15	5 N 4	10 S 42	26 r 54					
2	M	16 43 53	10	0 46 21	58 25	27	4	49 14	27	26 R 52				
3	Tu	16 47 50	11	1 41 22	7	8 26	4	21 17	26	26	51			
4	W	16 51 46	12	2 37 22	15 21	10	3	39 19	31	26	49			
5	Th	16 55 43	13	3 34 22	23	3 w 38	2	48 20	37	26	48			
6	F	16 59 39	14	4 32 22	30 15	53	1	49 20	42	26	46			
7	S	17 3 36	15	5 31 22	37 27	55	0	47 19	50	26	45			
8	S	17 7 32	16	6 31 22	44	9 m 47	0	8 17 18	5	26	43			
9	M	17 11 29	17	7 31 22	50 21	35	1	20 15	35	26	42			
10	Tu	17 15 26	18	8 32 22	56	3 x 22	2	20 12	27	26	40			
11	W	17 19 22	19	9 33 23		1 15 14	3	14 8	48	26	39			
12	Th	17 23 19	20	10 35 23		6 27 16	4	0 4	45	26	38			
13	F	17 27 15	21	11 37 23		10 9 r 33	4	36 0	27	26	37			
14	S	17 31 12	22	12 40 23		14 22 10	5	0 4 N 0	26	36				
15	S	17 35 8	23	13 43 23		17 58 11	5	10 8	23	26	35			
16	M	17 39 5	24	14 47 23		20 18 37	5	3 12	31	26	34			
17	Tu	17 43 1	25	15 51 23		22 2 29	4	38 16	7	26	33			
18	W	17 46 58	26	16 55 23		24 16 43	3	56 18	53	26	32			
19	Th	17 50 55	27	18 0 23		26 15 14	2	58 20	29	26	31			
20	F	17 54 51	28	19 6 23		27 15 56	1	47 20	44	26	30			
21	S	17 58 48	29	20 12 23		27 0 42	0	29 19	33	26	29			
22	S	18 2 44	0 w 21	18 23		27 15 24	0	N 52 17	3	26	29			
23	M	18 6 41	1	22 25 23		27 29 58	2	8 13	29	26	28			
24	Tu	18 10 37	2	23 33 23		26 14 m 18	3	15 9	11	26	28			
25	W	18 14 34	3	24 41 23		25 28 22	4	8 4	27	26	27			
26	Th	18 18 30	4	25 50 23		23 12 11	4	47 0	S 25	26	27			
27	F	18 22 27	5	26 59 23		21 25 44	5	8 5	10	26	26			
28	S	18 26 24	6	28 9 23		18 9 m 1	5	13 9	34	26	26			
29	S	18 30 20	7	29 20 23		15 22 4	4	5	1 13	27	26			
30	M	18 34 17	8	30 30 23		11 4 54	4	34 16	38	26	25			
31	Tu	18 38 13	9	31 41 23		7 17 30	3	54 18	59	26	25			

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 21	22 8 6	28 11	25 8 38	18 2	23 8 6	8 29
4	0 23	22 28	1 34	25 2	1 24	23 59	8 20
7	0 25	22 47	0 52	24 20	1 35	24 40	8 10
10	0 27	23 5	0 8	23 35	1 48	25 9	8 1
13	0 29	23 20	0 N39	22 46	1 58	25 26	7 51
16	0 31	23 34	1 26	21 56	2 7	25 30	7 41
19	0 33	23 45	2 11	21 5	2 10	25 20	7 32
22	0 35	23 54	2 53	20 17	2 12	24 57	7 22
25	0 36	24 1	3 30	19 33	2 9	24 20	7 12
28	0 38	24 5	4 4	18 54	2 0	23 29	7 3
31	0 39	24 7	4 30	18 23	1 45	22 26	6 58

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♌
	° /	° /	° /	° /	° /							
1	14 r 23	16 Δ 39	8 f 28	1 w 30	10 f 41							
2	14 R 21	16 49	9 12	1 R 16	12 15							
3	14 19	16 59	9 56	0 59	13 49	h Δ ♀	☉	Δ		♂		♂
4	14 18	17 9	10 39	0 40	15 23	☉ ☐ h		Δ	*			
5	14 17	17 19	11 23	0 19	16 58	♄ * ♀						♂
6	14 16	17 29	12 7	29 f 55	18 32	☉ Δ h			☐	☐		
7	14 15	17 39	12 51	29 30	20 6			☐				
8	14 14	17 48	13 35	29 2	21 40				*		*	
9	14 13	17 57	14 19	28 32	23 14	h Δ ♂	*	*		Δ		*
10	14 12	18 6	15 3	28 1	24 48	☉ * ♄		*			*	
11	14 11	18 15	15 48	27 28	26 23	h Δ ♀	☐				☐	
12	14 10	18 24	16 32	26 54	27 57	♀ ♂ ♀					☐	☐
13	14 10	18 33	17 16	26 20	29 32				♂			
14	14 10	18 42	18 0	25 44	1 w 6		Δ	♂		♂	Δ	Δ
15	14 9	18 51	18 44	25 8	2 41	♄ * ♂						Δ
16	14 9	18 59	19 23	24 32	4 15	☉ ♂ ♀						
17	14 9	19 7	20 13	23 55	5 50							
18	14 9	19 16	20 57	23 19	7 25	☉ Δ h			*	Δ	♂	♂
19	14 D 9	19 24	21 42	22 42	8 59		♂	*				
20	14 9	19 32	22 26	22 8	10 34	♂ ♂ ♀			☐	☐		♂
21	14 10	19 40	23 11	21 33	12 8			☐				
22	14 10	19 48	23 55	21 2	13 42	h ☐ ♀			Δ	*		Δ
23	14 10	19 56	24 40	20 31	15 16		Δ	Δ			Δ	
24	14 11	20 4	25 25	20 1	16 50	♄ * ♀					☐	Δ
25	14 12	20 11	26 10	19 31	18 23	h Δ ♂	☐				☐	
26	14 13	20 19	26 25	19 4	19 55				♂		*	
27	14 14	20 26	27 40	18 40	21 27			♂		♂	*	☐
28	14 15	20 33	28 25	18 18	22 57		*					
29	14 16	20 40	29 10	17 59	24 26	☉ P ♀						*
30	14 18	20 47	29 55	17 40	25 53	h ☐ ♀						
31	14 20	20 53	0 w 40	17 26	27 19				Δ	*	♂	

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H. M. S.			°	°	°	°	°	°	H. M. S.			°	°	°	°	°	°
0 0 0	0	10	24	28	13	14	3	1	1 51 37	0	11	19	17	32	5	28	28
0 0 3	40	1	11	25	28	46	14	4	1 55 27	1	12	20	18	11	6	20	0
0 7 20	2	12	26	29	25	15	5	1	1 59 17	2	13	21	18	51	7	1	1
0 11 0	3	13	27	0	14	16	6	2	2 3 8	3	14	21	19	30	8	1	1
0 14 41	4	14	28	0	49	17	6	2	2 8 59	4	15	23	20	9	8	1	1
0 18 21	5	15	29	1	25	17	7	2	2 10 51	5	15	23	20	48	9	2	2
0 22 2	6	16	30	2	7	18	8	2	2 14 44	6	16	24	21	37	10	3	3
0 25 43	7	17	31	3	42	19	9	2	2 18 37	7	17	24	22	8	11	4	4
0 29 23	8	18	1	4	26	19	10	2	2 22 31	8	18	25	23	47	11	5	5
0 33 4	9	19	2	5	4	20	10	2	2 26 25	9	19	26	23	28	12	6	6
0 36 45	10	20	3	6	19	21	11	2	2 30 20	10	20	27	24	8	13	7	7
0 40 26	11	21	4	7	19	22	12	2	2 34 16	11	21	27	24	48	13	8	8
0 44 8	12	22	5	8	58	23	13	2	2 38 13	12	22	28	25	28	14	9	9
0 47 50	13	23	6	9	36	23	14	2	2 42 10	13	23	29	26	8	15	10	10
0 51 32	14	24	7	10	14	24	15	2	2 46 8	14	24	30	26	48	15	11	11
0 55 14	15	25	8	11	53	24	15	2	2 50 7	15	25	0	27	29	16	11	11
0 58 5	16	26	9	12	32	25	16	2	2 54 7	16	26	1	28	10	17	12	12
1 2 40	17	27	10	13	8	26	17	2	2 58 7	17	27	2	28	51	18	13	13
1 6 23	18	28	11	14	9	27	18	3	3 2 8	18	28	3	29	32	19	14	14
1 10 7	19	29	12	15	10	28	19	3	3 6 9	19	29	4	29	13	20	15	15
1 13 51	20	1	11	16	11	29	20	3	3 10 12	20	30	5	0	54	20	16	16
1 17 35	21	2	12	17	12	30	21	3	3 14 15	21	0	6	1	36	21	17	17
1 21 20	22	3	13	18	13	31	22	3	3 18 19	22	1	7	2	17	22	18	18
1 25 6	23	4	14	19	14	32	23	3	3 22 23	23	2	8	3	59	23	19	19
1 28 52	24	5	15	20	15	33	24	3	3 26 26	24	3	9	4	41	24	20	20
1 32 38	25	6	16	21	16	34	25	3	3 30 30	25	4	10	5	23	25	21	21
1 36 25	26	7	17	22	17	35	26	3	3 34 34	26	5	11	6	5	26	22	22
1 40 12	27	8	18	23	18	36	27	3	3 38 38	27	6	12	7	47	27	23	23
1 44 0	28	9	19	24	19	37	28	3	3 42 42	28	7	13	8	30	28	24	24
1 47 48	29	10	20	25	20	38	29	3	3 46 46	29	8	14	9	13	29	25	25
1 51 37	30	11	21	26	21	39	30	3	3 51 15	30	9	15	10	54	30	26	26

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H. M. S.			°	°	°	°	°	°	H. M. S.			°	°	°	°	°	°
3 51 15	0	9	12	7	54	26	25	6	0 0 0	0	7	7	0	0	23	25	25
3 55 25	1	10	13	8	37	27	26	6	0 4 22	1	8	8	0	45	24	26	26
3 59 36	2	11	14	9	30	28	27	6	0 8 43	2	9	9	1	30	25	27	27
4 3 48	3	12	15	10	3	29	28	6	0 13 5	3	10	9	2	15	26	28	28
4 8 0	4	13	16	11	47	1	29	6	0 17 26	4	11	10	3	0	27	29	29
4 12 13	5	14	17	12	30	2	30	6	0 21 48	5	12	11	4	45	28	30	30
4 16 26	6	15	18	13	13	3	0	6	0 26 9	6	13	12	5	30	29	31	31
4 20 40	7	16	19	14	58	4	1	6	0 30 30	7	14	13	6	15	30	32	32
4 24 55	8	17	20	15	40	5	2	6	0 34 51	8	15	14	7	0	31	33	33
4 29 10	9	18	21	16	24	6	3	6	0 39 11	9	16	15	8	44	32	34	34
4 33 26	10	19	22	17	8	7	4	6	0 43 31	10	17	16	9	29	33	35	35
4 37 43	11	20	23	18	52	8	5	6	0 47 51	11	18	17	10	14	34	36	36
4 41 59	12	21	24	19	36	9	6	6	0 53 11	12	19	18	11	59	35	37	37
4 46 16	13	22	25	20	19	10	7	6	0 58 31	13	20	19	12	43	36	38	38
4 50 34	14	23	26	21	4	11	8	7	0 50 50	14	21	20	13	27	37	39	39
4 54 53	15	24	27	22	18	12	9	7	0 5 8	15	22	21	14	11	38	40	40
4 59 10	16	25	28	23	1	13	10	7	0 9 26	16	23	22	15	56	39	41	41
5 3 29	17	26	29	24	10	14	11	7	0 13 44	17	24	23	16	40	40	42	42
5 7 48	18	27	30	25	2	15	12	7	0 18 1	18	25	24	17	24	41	43	43
5 12 9	19	28	31	26	11	16	13	7	0 22 18	19	26	25	18	8	42	44	44
5 16 29	20	29	32	27	20	17	14	7	0 26 34	20	27	26	19	52	43	45	45
5 20 49	21	30	33	28	16	18	15	7	0 30 50	21	28	27	20	36	44	46	46
5 25 9	22	31	34	29	7	19	16	7	0 35 5	22	29	28	21	20	45	47	47
5 29 30	23	32	35	30	17	20	17	7	0 39 20	23	30	29	22	17	4	48	48
5 33 51	24	33	36	31	25	21	18	7	0 43 34	24	31	30	23	17	47	49	49
5 38 12	25	34	37	32	15	22	19	7	0 47 47	25	32	31	24	18	30	50	50
5 42 34	26	35	38	33	6	23	20	7	0 52 0	26	33	32	25	19	12	51	51
5 46 55	27	36	39	34	16	24	21	7	0 56 12	27	34	33	26	19	57	52	52
5 51 17	28	37	40	35	28	25	22	8	0 0 24	28	35	34	27	20	48	53	53
5 55 38	29	38	41	36	18	26	23	8	0 4 35	29	36	35	28	21	27	54	54
6 0 0	30	39	42	37	0	27	24	8	0 8 46	30	37	36	29	22	28	55	55

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3			
H.	M.	S.	°	'	"	°	'	"	H.	M.	S.	°	'	"	°	'	"			
8	8	45	0	5	2	23	6	18	21	10	8	23	0	2	25	12	28	11	20	
8	13	54	1	6	2	23	48	19	23	10	13	12	1	3	26	12	46	12	31	
8	17	3	2	7	3	23	30	19	23	10	16	0	2	3	26	13	45	13	31	
8	21	11	3	8	4	24	13	20	24	10	19	48	3	4	27	14	25	14	23	
8	25	19	4	9	5	24	55	21	25	10	23	35	4	5	28	15	4	14	23	
8	29	23	5	10	6	25	37	22	26	10	27	23	5	6	29	15	43	15	24	
8	33	31	6	10	6	26	19	23	27	10	31	8	6	7	29	16	21	16	25	
8	37	37	7	11	7	27	1	23	28	10	34	54	7	8	m	17	0	17	23	
8	41	41	8	12	8	27	43	24	28	10	38	40	8	9	1	17	39	18	27	
8	45	45	9	13	9	28	24	25	29	10	42	25	9	10	2	18	17	19	28	
8	49	48	10	14	9	29	6	26	29	10	46	9	10	10	3	18	55	19	29	
8	53	51	11	15	10	29	47	26	1	10	49	53	11	11	3	19	34	20	30	
8	57	53	12	16	11	30	28	27	2	10	53	37	12	12	4	20	13	21	1	
9	1	53	13	17	12	1	9	28	3	10	57	20	13	13	4	20	51	22	2	
9	5	53	14	18	13	1	50	29	4	11	1	3	14	14	5	21	30	23	4	
9	9	53	15	18	13	2	31	29	5	11	4	46	15	15	6	22	8	24	5	
9	13	53	16	19	14	3	12	2	6	11	8	28	16	16	6	23	46	24	6	
9	17	50	17	20	15	3	53	1	7	11	12	10	17	17	7	23	24	25	7	
9	21	47	18	21	16	4	32	2	8	11	15	22	18	17	8	24	2	26	8	
9	25	44	19	22	17	5	12	3	9	11	19	34	19	18	9	24	40	27	9	
9	29	40	20	23	17	5	53	3	10	11	23	15	20	19	9	25	19	28	10	
9	33	35	21	24	18	6	32	4	11	11	26	56	21	20	10	25	50	29	11	
9	37	30	22	25	19	7	13	5	12	11	30	37	22	20	11	26	38	29	12	
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15	29	13	
9	45	16	24	27	21	8	23	7	14	11	37	58	24	22	12	27	53	0	14	
9	49	9	25	28	21	9	12	8	15	11	41	39	25	23	13	28	33	1	15	
9	53	1	26	28	22	9	51	8	16	11	45	19	26	24	13	29	11	2	16	
9	57	53	27	29	23	10	30	9	17	11	49	0	27	25	14	29	53	3	17	
10	0	48	28	30	24	11	9	10	18	11	53	49	28	26	25	15	0	25	4	18
10	4	38	29	1	24	11	48	10	19	11	57	30	29	26	26	15	1	11	5	20
10	8	28	30	2	25	12	28	11	20	12	0	0	30	27	16	1	47	6	21	

Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3	Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3		
H.	M.	S.	°	'	"	°	'	"	H.	M.	S.	°	'	"	°	'	"		
12	9	0	0	27	15	1	47	6	21	12	51	37	0	21	8	23	4	7	27
12	9	40	1	28	17	2	38	7	22	12	55	27	1	22	9	23	53	9	28
12	7	20	2	29	18	3	11	8	23	12	59	17	2	23	9	24	42	10	7
12	11	0	3	30	19	4	40	9	24	13	3	8	3	24	10	25	31	11	1
12	14	41	4	31	20	5	23	10	25	14	6	59	4	25	11	26	21	12	3
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13	14	4
12	22	2	6	2	20	5	47	11	26	14	14	44	6	26	13	28	5	16	6
12	26	48	7	3	21	6	27	12	27	14	18	37	7	27	13	29	58	17	7
12	30	23	8	3	22	7	6	12	28	14	22	31	8	28	14	30	51	19	8
12	34	4	9	4	23	7	46	14	1	14	26	25	9	29	15	31	45	20	9
12	38	45	10	5	23	8	25	15	2	14	30	30	10	2	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	4	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	26	10	20	18	5	14	42	10	13	2	18	4	30	26	15
12	51	38	14	8	27	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	26	29	18
12	59	37	16	10	27	12	25	21	9	14	54	7	16	5	21	7	28	31	19
12	3	40	17	11	28	13	17	22	10	14	58	7	17	6	22	8	30	3	20
12	6	28	18	12	29	14	0	23	11	15	2	8	18	7	23	9	33	4	21
12	10	7	19	13	30	14	47	24	12	15	6	9	19	7	23	10	36	6	23
12	13	51	20	13	31	15	27	25	14	15	10	13	20	8	24	11	44	8	24
12	17	25	21	14	32	16	11	26	15	15	14	15	21	9	25	12	52	9	25
12	21	20	22	15	3	16	54	27	17	15	18	19	22	10	26	14	0	11	27
12	25	6	23	16	3	17	33	28	18	15	22	22	23	11	27	15	10	13	28
12	29	53	24	16	3	18	25	29	19	15	26	20	24	12	28	16	21	15	29
12	33	38	25	17	4	19	16	1	20	15	30	35	25	13	29	17	27	17	30
12	37	19	26	18	5	19	57	2	21	15	34	41	26	14	29	18	53	19	31
12	41	0	27	19	6	20	48	3	22	15	38	49	27	15	3	20	10	20	32
12	45	49	28	20	7	21	39	4	23	15	42	37	28	16	3	21	28	22	33
12	49	57	29	21	8	22	30	5	24	15	46	25	29	17	4	22	50	24	34

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3	
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''	
15	51	15	0	17	4	24	13	26	7	18	0	0	0	17	0	0	20	13
15	55	25	1	18	5	25	39	29	8	18	4	23	1	18	11	2	21	14
15	59	36	2	19	6	27	9	29	10	18	8	43	2	19	13	5	46	23
16	3	48	3	20	7	28	40	3	11	18	13	5	3	20	15	8	36	25
16	8	0	4	21	8	29	11	4	12	18	17	26	4	21	16	11	23	26
16	12	13	5	22	9	1	46	4	13	18	21	48	5	23	18	14	9	27
16	16	26	6	23	10	3	28	6	14	18	25	9	6	24	20	16	56	29
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	30
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16	1
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51	2
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24	4
16	37	43	11	28	15	12	31	17	21	18	47	51	11	29	28	30	53	5
16	41	59	12	29	16	14	30	19	22	18	52	11	12	1	29	32	19	7
16	46	16	13	30	17	16	31	21	24	18	56	31	13	2	30	4	40	8
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	3	6	58	9
16	54	53	15	2	20	20	49	25	26	19	5	8	15	4	4	9	11	10
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21	11
17	3	29	17	4	23	25	20	28	28	19	13	44	17	7	8	13	29	12
17	7	49	18	5	23	27	41	3	29	19	18	1	18	8	10	15	30	14
17	12	9	19	6	25	0	7	3	30	19	23	18	19	9	12	17	29	15
17	16	29	20	7	26	2	36	3	31	19	28	34	20	10	14	19	24	16
17	20	49	21	8	27	5	9	5	32	19	30	50	21	12	16	21	16	16
17	25	9	22	9	29	7	44	7	33	19	35	5	22	13	18	23	5	18
17	29	30	23	10	30	10	23	8	34	19	39	20	23	14	20	24	51	19
17	33	51	24	11	1	13	4	10	35	19	43	34	24	15	22	26	33	20
17	38	13	25	12	3	15	51	12	36	19	47	47	25	17	24	28	12	21
17	43	34	26	13	4	18	37	14	37	19	53	0	26	18	26	29	49	22
17	48	55	27	14	5	21	25	15	38	19	56	13	27	19	28	31	20	23
17	51	17	28	15	7	24	14	17	39	20	0	24	28	20	3	51	25	11
17	55	38	29	16	8	27	7	19	40	20	4	35	29	21	4	21	26	12
18	0	0	30	17	10	30	0	20	41	20	8	45	30	23	5	47	28	13

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''		
20	8	45	0	23	8	5	47	26	13	22	8	23	0	3	23	6	56	22	9
20	12	54	1	24	8	7	10	28	14	22	12	12	1	4	24	7	44	23	10
20	17	3	2	25	7	8	33	29	14	22	16	0	2	5	25	8	31	23	10
20	21	11	3	27	9	9	50	30	15	22	19	48	3	7	26	9	17	24	11
20	25	19	4	28	11	11	7	31	16	22	23	35	4	8	27	10	3	25	12
20	29	26	5	29	13	13	23	1	17	22	27	23	5	9	29	10	50	26	13
20	33	31	6	30	15	15	39	2	18	22	31	8	6	10	11	11	35	28	13
20	37	37	7	3	17	14	50	3	19	22	34	54	7	12	1	13	23	27	14
20	41	41	8	3	18	16	0	4	20	22	38	40	8	13	3	13	6	28	15
20	45	45	9	4	20	17	8	5	21	22	42	25	9	14	3	13	49	29	16
20	49	49	10	5	22	18	16	6	22	22	46	9	10	16	4	14	38	30	17
20	53	51	11	7	24	19	22	7	23	22	49	53	11	17	5	15	17	31	18
20	57	53	12	9	26	20	27	7	23	22	53	37	12	18	7	16	0	1	19
21	1	53	13	10	27	21	30	8	24	22	57	20	13	20	8	16	43	2	20
21	5	53	14	11	29	23	32	9	25	23	1	3	14	21	9	17	25	3	21
21	9	53	15	12	31	25	33	10	26	23	4	46	15	22	10	18	7	4	22
21	13	53	16	14	3	28	33	11	27	23	8	28	16	23	11	18	49	4	23
21	17	50	17	15	4	26	30	12	27	23	12	10	17	24	12	19	31	5	24
21	21	47	18	17	6	26	28	13	28	23	15	52	18	26	13	20	13	6	25
21	25	44	19	18	7	27	24	14	29	23	19	34	19	27	14	20	53	6	26
21	29	40	20	19	9	28	20	15	30	23	23	15	20	28	15	21	34	7	27
21	33	36	21	21	10	29	15	16	31	23	26	55	21	29	16	22	14	8	28
21	37	30	22	23	11	0	15	17	32	23	30	37	22	3	17	23	32	9	29
21	41	23	23	25	13	1	3	18	33	23	34	18	23	1	18	23	33	9	30
21	45	16	24	26	15	1	55	17	34	23	37	58	24	2	19	24	13	10	31
21	49	9	25	28	16	2	47	18	35	23	41	39	25	4	20	24	53	11	32
21	53	1	26	29	17	3	39	19	36	23	45	19	26	5	21	25	33	11	33
21	56	53	27	30	19	4	29	20	37	23	49	0	27	6	22	26	11	12	34
22	0	43	28	31	21	5	18	21	38	23	53	40	28	7	23	27	40	12	35
22	4	33	29	1	21	6	7	21	39	23	56	20	29	8	24	27	41	13	36
22	8	23	30	3	23	7	53	22	40	24	0	0	30	9	25	28	42	14	37

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ASTHMA,
BRONCHITIS,

PULMONARY CONSUMPTION,
RHUMATISM,
GOIT, SCROFULA,
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CONSUMPTION,
COUGHS AND COLDS,
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CONSUMPTIVE NIGHT
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OF THE

PLANETS' PLACES

For 1851.

(REVISED AND CORRECTED.)



LONDON:

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1882.

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(Linn.) 1797. 160

1.

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OF THE
PLANETS' PLACES

For 1851.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1850

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	17	0 S 33	9 N 41	2 S 32	3 N 20	1 N 18	7 S 0
4	16	17	0 33	9 41	2 31	3 23	1 19	7 6
7	16	17	0 33	9 41	2 30	3 26	1 19	7 12
10	16	17	0 33	9 42	2 29	3 30	1 20	7 17
13	16	17	0 33	9 42	2 28	3 34	1 21	7 22
16	16	17	0 33	9 43	2 27	3 38	1 21	7 26
19	16	16	0 32	9 44	2 26	3 43	1 22	7 29
22	16	16	0 32	9 45	2 25	3 48	1 23	7 32
25	16	16	0 32	9 46	2 25	3 53	1 24	7 34
28	16	15	0 32	9 47	2 24	3 58	1 24	7 36
31	16	15	0 32	9 49	2 24	4 4	1 25	7 37

D M	D W	Sidereal Time.		☉		☽		♃		♅		♁	
				Long.	Declin	Long.	Lat.	Declin	Long.	Lat.	Declin	Long.	Lat.
		H.	M.	S.	°	'	"	°	'	°	'	°	'
1	W	18	42	10	10	32	52	23	S 2	29	15	3	N 4
2	Th	18	46	6	11	34	3	22	57	12	9	2	5
3	F	18	50	3	12	35	14	22	52	24	13	1	2
4	S	18	53	59	13	36	25	22	46	6	9	0	S 3
5	S	18	57	56	14	37	35	22	39	17	59	1	8
6	M	19	1	53	15	38	46	22	32	29	46	2	10
7	Tu	19	5	49	16	39	56	22	25	11	33	3	6
8	W	19	9	46	17	41	5	22	17	23	25	3	55
9	Th	19	13	42	18	42	14	22	9	5	25	4	34
10	F	19	17	39	19	43	22	22	0	17	39	5	2
11	S	19	21	35	20	44	30	21	51	0	12	5	16
12	S	19	25	32	21	45	37	21	42	13	7	5	14
13	M	19	29	28	22	46	43	21	32	26	27	4	57
14	Tu	19	33	25	23	47	49	21	22	10	16	4	21
15	W	19	37	22	24	48	54	21	11	24	31	3	29
16	Th	19	41	18	25	49	58	21	0	9	5	2	21
17	F	19	45	15	26	51	2	20	48	24	6	1	3
18	S	19	49	11	27	52	5	20	36	9	12	0	N 20
19	S	19	53	8	28	53	7	20	24	24	18	1	43
20	M	19	57	4	29	54	9	20	11	9	17	2	57
21	Tu	20	1	1	0	55	11	19	58	23	59	3	58
22	W	20	4	58	1	56	11	19	45	8	21	4	43
23	Th	20	8	54	2	57	12	19	31	22	19	5	10
24	F	20	12	51	3	58	12	19	17	5	54	5	18
25	S	20	16	47	4	59	11	19	2	19	6	5	9
26	S	20	20	44	6	0	9	18	47	1	58	4	45
27	M	20	24	40	7	1	7	18	32	14	32	4	8
28	Tu	20	28	37	8	2	5	18	16	26	53	3	19
29	W	20	32	33	9	3	1	18	0	9	2	2	22
30	Th	20	36	30	10	3	57	17	44	21	3	1	20
31	F	20	40	27	11	4	51	17	28	2	57	0	15

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	08 40	24 8 7	4 N 38	18 S 14	1 S 38	22 S 3	6 Ω 50
4	0 41	24 6	4 58	17 52	1 12	20 47	6 40
7	0 43	24 3	5 13	17 38	0 38	19 28	6 31
10	0 45	23 57	5 23	17 30	0 N 6	18 12	6 21
13	0 46	23 49	5 29	17 28	0 58	17 10	6 12
16	0 47	23 38	5 29	17 32	1 54	16 30	6 2
19	0 49	23 25	5 29	17 38	2 44	16 19	5 53
22	0 51	23 10	5 25	17 48	3 20	16 33	5 43
25	0 52	22 53	5 19	18 0	3 35	17 5	5 34
28	0 54	22 33	5 10	18 13	3 28	17 44	5 24
31	0 55	22 11	5 1	18 26	3 6	18 23	5 15

D M	h Long.	♄ Long.	♂ Long.	♀ Long.	♀ Long.	Mutual Aspts.	Lunar Aspects.							
							☉	☿	♂	♄	♊	♋	♌	
	° ' "	° ' "	° ' "	° ' "	° ' "									
1	14 22	21 0	1 55	17 14	28 43			Δ			♂			
2	14 23	21 6	2 11	17 4	0 m 3		♂		☐					
3	14 25	21 12	2 56	16 56	1 21	♀ ∠ ♀		☐		☐				
4	14 27	21 18	3 41	16 52	2 34									♂
5	14 29	21 23	4 26	16 49	3 43	☉ ☐ h			*	Δ		*		
6	14 31	21 29	5 12	16 48	4 48			*				*		
7	14 33	21 35	5 57	16 51	5 46		*						☐	
8	14 35	21 40	6 42	16 56	6 38									
9	14 37	21 45	7 27	17 3	7 22							☐	Δ	*
10	14 40	21 50	8 13	17 12	7 57		☐		♂	♂			Δ	
11	14 43	21 55	8 59	17 24	8 23				♂					
12	14 46	22 0	9 45	17 37	8 40	☉ ☐ ♄		Δ					Δ	☐
13	14 49	22 5	10 30	17 53	8 45									
14	14 52	22 9	11 16	18 11	8 39					*				Δ
15	14 55	22 13	12 1	18 31	8 18			*		Δ		♂		
16	14 58	22 17	12 47	18 53	7 50					☐		♂		
17	15 1	22 21	13 33	19 16	7 9	☉ ☐ h	♂	☐		☐				
18	15 4	22 25	14 19	19 41	6 16				Δ		*			♂
19	15 8	22 28	15 4	20 9	5 18	h ☐ ♂		Δ			*		Δ	
20	15 12	22 31	15 50	20 37	4 10							Δ		
21	15 15	22 34	16 36	21 8	2 57									☐
22	15 19	22 37	17 22	21 40	1 41	☉ ♂ ♀	Δ							Δ
23	15 23	22 40	18 8	22 13	0 24				♂	♂	♂	☐	*	
24	15 27	22 43	18 55	22 47	29 9	♄ * ♀	☐						*	☐
25	15 31	22 45	19 41	23 24	27 58							*		
26	15 35	22 47	20 27	24 2	26 52	h ☐ ♀	*							*
27	15 39	22 49	21 13	24 41	25 53					Δ		*		
28	15 43	22 51	21 59	25 21	25 1	☉ P ♀			Δ		*		♂	
29	15 47	22 53	22 45	26 2	24 18	♄ ☐ ♂								
30	15 52	22 55	23 31	26 43	23 43	h Δ ♀		☐	☐	☐	♂			♂
31	15 57	22 57	24 17	27 28	23 17	♀ P ♀								

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	08 32	9 N 49	28 24	4 N 6	1 N 25	7 S 37
4	16	14	0 32	9 51	2 23	4 12	1 26	7 37
7	16	14	0 32	9 53	2 22	4 19	1 26	7 37
10	16	13	0 32	9 55	2 22	4 25	1 27	7 36
13	16	13	0 32	9 57	2 21	4 32	1 28	7 34
16	16	12	0 31	9 59	2 21	4 39	1 28	7 32
19	16	12	0 31	10 2	2 20	4 46	1 29	7 29
22	16	11	0 31	10 4	2 20	4 53	1 30	7 25
25	16	10	0 31	10 7	2 19	5 1	1 30	7 21
28	16	9	0 31	10 9	2 19	5 9	1 31	7 16

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	°	° ' "	° ' "	° ' "	° ' "
1	S	20 44 23	12 ^m 5 45	17 S 11	14 ^m 47	08 51	17 S 14	26 ^r 44
2	S	20 48 20	13 6 37	16 54	26 35	1 54	14 27	26 46
3	M	20 52 16	14 7 28	16 36	8 ^x 23	2 52	11 6	26 47
4	Tu	20 56 13	15 8 18	16 18	20 13	3 43	7 18	26 48
5	W	21 0 9	16 9 7	16 0	2 ^r 8	4 25	8 12	36 50
6	Th	21 4 6	17 9 54	15 42	14 11	4 55	1 N 3	26 51
7	F	21 8 2	18 10 39	15 24	26 26	5 13	5 20	26 53
8	S	21 11 59	19 11 23	15 5	8 ⁵ 55	5 16	9 29	26 55
9	S	21 15 55	20 12 6	14 46	21 44	5 4	13 19	26 57
10	M	21 19 52	21 12 46	14 26	4 ¹ 55	4 36	16 36	26 58
11	Tu	21 23 49	22 13 25	14 7	18 32	3 52	19 7	27 0
12	W	21 27 45	23 14 3	13 47	2 ⁵ 35	2 52	20 34	27 2
13	Th	21 31 42	24 14 38	13 27	17 5	1 40	20 42	27 4
14	F	21 35 38	25 15 12	13 7	1 ² 56	0 20	19 25	27 6
15	S	21 39 35	26 15 45	12 46	17 5	1 N 4	16 44	27 8
16	S	21 43 31	27 16 16	12 26	2 ^m 21	2 23	12 52	27 10
17	M	21 47 28	28 16 45	12 5	17 34	3 32	8 10	27 12
18	Tu	21 51 24	29 17 13	11 44	2 ² 34	4 25	3 2	27 14
19	W	21 55 21	0 ^x 17 39	11 23	17 14	4 59	2 S 10	27 17
20	Th	21 59 18	1 18 4	11 1	1 ^m 28	5 14	7 5	27 19
21	F	22 3 14	2 18 28	10 40	15 13	5 10	11 28	27 21
22	S	22 7 11	3 18 50	10 18	28 30	4 49	15 8	27 24
23	S	22 11 7	4 19 11	9 56	11 ⁷ 22	4 14	17 58	27 26
24	M	22 15 4	5 19 31	9 34	23 52	3 28	19 51	27 28
25	Tu	22 19 0	6 19 49	9 12	6 ^w 6	2 34	20 46	27 31
26	W	22 22 57	7 20 5	8 49	18 7	1 33	20 42	27 33
27	Th	22 26 53	8 20 20	8 27	29 59	0 29	19 42	27 35
28	F	22 30 50	9 20 34	8 4	11 ^x 47	0 S 35	17 50	27 38

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	08 55	22 S 3	4 N 56	18 S 31	2 N 58	18 S 35	5 Ω 12
4	0 57	21 38	4 45	18 43	2 25	19 8	5 2
7	0 58	21 11	4 32	18 54	1 51	19 32	4 53
10	1 0	20 41	4 19	19 3	1 16	19 48	4 43
13	1 1	20 10	4 5	19 9	0 42	19 53	4 38
16	1 2	19 37	3 49	19 13	0 11	19 48	4 24
19	1 3	19 2	3 37	19 13	0 S 17	19 31	4 14
22	1 4	18 25	3 17	19 10	0 44	19 3	4 5
25	1 5	17 46	3 2	19 2	1 7	18 23	3 55
28	1 6	17 5	2 45	18 51	1 26	17 31	3 46

D M	h	μ	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
	° ,	° ,	° ,	° ,	° ,							
1	16 r 1	22 Δ 57	25 v 3	28 f 12	22 v 59	μ □ ♀	☉	*				
2	16 6	22 58 25	49 28	57 22	51			*	Δ	*		
3	16 11	22 59 26	36 29	43 22	D 49	h □ ♂						
4	16 16	22 59 27	22 0 v 30	22 55		μ □ ♀					*	
5	16 21	23 0 28	2 1	18 23	8	☉ * h				*	□	
6	16 26	23 0 28	55 2	7 23	27		*	☉				
7	16 31	23 0 29	42 2	56 23	52			☉	♂	♀	□	Δ
8	16 36	23 0 0 m 28	3 46	24 23								
9	16 41	22 R 59	1 15	4 38	24 58		□					Δ
10	16 47	22 59 2	1 5	31 25	38					Δ		
11	16 52	22 58 2	48 6	23 26	23		Δ	*	Δ			
12	16 57	22 58 3	34 7	16 27	11	☉ Δ μ		*			♂	
13	17 8	22 57 4	21 8	10 28	2				□	□		
14	17 8	22 56 5	7 9	5 28	57			□		♂		♂
15	17 14	22 54 5	54 10	0 29	55				Δ *			
16	17 20	22 52 6	40 10	55 0 m 55		☉ * h	♂	Δ				
17	17 26	22 50 7	27 11	51 1	59						Δ	
18	17 32	22 48 8	13 12	48 3	4	♀ P ♂			♂		Δ	Δ
19	17 38	22 45 9	0 13	45 4	12				♂	☉	□	
20	17 44	22 43 9	46 14	43 5	21		Δ	♂				□
21	17 50	22 40 10	33 15	41 6	33	♀ P ♀					□ *	
22	17 56	22 37 11	20 16	40 7	47		□					
23	18 2	22 34 12	7 17	38 9	2	h □ ♀					*	*
24	18 8	22 31 12	53 18	38 10	19			Δ	Δ *			
25	18 14	22 28 13	40 19	39 11	38		*					
26	18 21	22 24 14	27 20	39 12	59				□	□		☉
27	18 27	22 20 15	14 21	39 14	20			□				☉
28	18 34	22 16 16	1 22	40 15	42	♂ ☉ ♀					☉	☉

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	0 S 31	10 N 10	2 S 18	5 N 11	1 N 31	7 S 15
4	16	8	0 31	10 13	2 18	5 19	1 32	7 9
7	16	8	0 31	10 16	2 18	5 27	1 33	7 3
10	16	7	0 31	10 19	2 17	5 35	1 33	6 57
13	16	6	0 31	10 23	2 17	5 44	1 33	6 50
16	16	5	0 31	10 26	2 16	5 52	1 34	6 43
19	16	4	0 30	10 29	2 16	6 0	1 34	6 35
22	16	4	0 30	10 32	2 16	6 9	1 35	6 27
25	16	3	0 30	10 36	2 16	6 17	1 35	6 19
28	16	2	0 30	10 39	2 16	6 25	1 35	6 11
31	16	1	0 30	10 43	2 15	6 34	1 35	6 2

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	22 34 47	10 × 20 46	7 S 42	23 × 34	1 S 38	15 S 13	27 r 41
2	S	22 38 43	11 20 56	7 19	5 × 22	2 37	11 59	27 43
3	M	22 42 40	12 21 4	6 56	17 13	3 29	8 15	27 46
4	Tu	22 47 36	13 21 10	6 33	29 10	4 12	4 11	27 48
5	W	22 50 33	14 21 14	6 10	11 r 14	4 44	0 N 6	27 51
6	Th	22 54 29	15 21 17	5 47	23 26	5 4	4 24	27 53
7	F	22 58 26	16 21 17	5 23	5 r 49	5 10	8 36	27 56
8	S	23 2 22	17 21 15	5 0	18 23	5 1	12 30	27 59
9	S	23 6 19	18 21 11	4 37	1 r 13	4 37	15 54	28 2
10	M	23 10 16	19 21 5	4 13	14 20	3 58	18 36	28 5
11	Tu	23 14 12	20 20 56	3 50	27 47	3 6	20 21	28 8
12	W	23 18 9	21 20 45	3 26	11 r 37	2 1	120 57	28 11
13	Th	23 22 5	22 20 32	3 2	25 50	0 47	20 14	28 14
14	F	23 26 2	23 20 17	2 39	10 r 25	0 N 32	18 9	28 17
15	S	23 29 58	24 20 0	2 15	25 r 18	1 50	14 49	28 20
16	S	23 33 55	25 19 40	1 51	10 r 24	3 1	10 28	28 23
17	M	23 37 51	26 19 19	1 28	25 33	4 0	5 26	28 26
18	Tu	23 41 48	27 18 55	1 4	10 r 36	4 41	0 7	28 29
19	W	23 45 45	28 18 30	0 40	25 22	5 3	5 S 7	28 32
20	Th	23 49 41	29 18 2	0 17	9 r 45	5 5	9 55	28 35
21	F	23 53 38	0 r 17 33	0 N 7	23 40	4 48	14 3	28 38
22	S	23 57 34	1 17 2	0 31	7 r 5	4 16	17 18	28 41
23	S	0 1 31	2 16 29	0 54	20	3 32	19 34	28 44
24	M	0 5 27	3 15 54	1 18	2 r 35	2 39	20 47	28 47
25	Tu	0 9 24	4 15 18	1 42	14 49	1 39	20 59	28 51
26	W	0 13 20	5 14 40	2 5	26 48	0 37	20 13	28 54
27	Th	0 17 17	6 14 0	2 29	8 r 39	0 S 27	18 33	28 57
28	F	0 21 13	7 13 18	2 52	20 25	1 28	16 5	29 1
29	S	0 25 10	8 12 35	3 16	2 r 12	2 26	12 58	29 4
30	S	0 29 7	9 11 49	3 39	14 3	3 18	9 19	29 7
31	M	0 33 3	10 11 2	4 2	26 0	4 1	5 17	29 10

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	1 S 6	16 S 51	2 N 39	18 S 46	1 S 33	17 S 12	3 Ω 43
4	1 7	16 9	2 23	18 29	1 48	16 5	3 33
7	1 7	15 25	2 6	18 8	2 0	14 46	3 24
10	1 8	14 39	1 50	17 42	2 9	13 15	3 14
13	1 9	13 53	1 34	17 12	2 13	11 34	3 5
16	1 9	13 5	1 18	16 37	2 14	9 41	2 55
19	1 10	12 16	1 2	15 58	2 11	7 37	2 46
22	1 10	11 26	0 47	15 15	2 4	5 22	2 36
25	1 11	10 35	0 33	14 27	1 51	2 57	2 26
28	1 11	9 43	0 19	13 36	1 35	0 23	2 17
31	1 11	8 50	0 5	12 41	1 13	2 N 19	2 7

D M	h	♄	♂	♀	♀	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♃	♄	♅	♆	♇
	°	°	°	°	°		°	°	°	°	°	°
1	18 r 40	22 △ 13	16 m 48	23 w 42	17 m 7			*	*	Δ		
2	18 47 22	22 B 8 17	35 24	43 18	31 18	h * ♀						
3	18 53 22	4 18	22 25	45 19	58 31	☉ ∠ h	♂					
4	19 0 21	59 19	9 26	47 21	27 27	h * ♂					*	
5	19 6 21	55 19	50 27	50 22	56 56	h □ ♀						
6	19 13 21	50 20	43 28	53 24	26 26		♂	♂	♂	*	□	*
7	19 20 21	45 21	30 29	57 25	57 57	♄ Δ ♂						
8	19 27 21	40 22	16 1 m	0 27	30 30	h * ♀	*				□	
9	19 34 21	35 23	3 2	3 29	4 4						Δ	□
10	19 41 21	29 23	50 3	7 0	* 40		□	*				
11	19 48 21	24 24	37 4	11 2	16 16			*		Δ	Δ	Δ
12	19 55 21	18 25	24 5	16 3	53 53							
13	20 2 21	12 26	11 6	21 5	33 33	♄ □ ♀	Δ	□	□	□		
14	20 9 21	6 26	58 7	26 7	12 12						♂	
15	20 16 21	0 27	45 8	31 8	52 52			Δ	Δ	*	♂	
16	20 23 20	53 28	32 9	36 10	36 36	h * ♂						♂
17	20 30 20	47 29	19 10	41 12	19 19		♂					
18	20 37 20	41 0	* 6 11	47 14	3 3	h ♂ ♄					Δ	
19	20 45 20	34 0	53 12	53 15	50 50			♂	♂	♂	Δ	
20	20 52 20	28 1	39 13	59 17	37 37						□	
21	20 59 20	21 2	26 15	5 19	25 25							Δ
22	21 7 20	14 3	13 16	12 21	16 16		Δ				□	
23	21 14 20	7 4	0 17	18 23	7 7	☉ ∠ ♀			Δ	*	*	□
24	21 21 20	0 4	47 18	25 24	58 58	♄ □ ♂	□	Δ			*	
25	21 29 19	53 5	34 19	32 26	53 53	♄ Δ ♀				□		
26	21 36 19	46 6	21 20	39 28	48 48			□	□			*
27	21 43 19	39 7	8 21	46 0	44 44	☉ P ♀	*					
28	21 51 19	31 7	55 22	54 2	42 42	h * ♀			*	Δ	♂	
29	21 58 19	24 8	42 24	1 4	40 40			*				
30	22 5 19	16 9	29 25	9 6	40 40						♂	
31	22 18 19	8 10	15 26	17 8	42 42							

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08 30	10 N 44	08 15	6 N 37	1 N 35	58 59
4	16	0	0 30	10 48	0 15	6 45	1 35	5 50
7	15	59	0 30	10 51	0 15	6 54	1 35	5 42
10	15	59	0 30	10 55	0 15	7 2	1 35	5 33
13	15	58	0 30	10 58	0 15	7 11	1 35	5 24
16	15	57	0 30	11 2	0 15	7 19	1 35	5 16
19	15	56	0 30	11 6	0 15	7 27	1 35	5 7
22	15	55	0 30	11 9	0 15	7 36	1 34	4 59
25	15	55	0 30	11 13	0 15	7 44	1 34	4 51
28	15	54	0 30	11 17	0 15	7 52	1 34	4 44

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	Tu	0 37 0	11 r 10 13	4 N 25	8 r 7	4 S 34	0 S 59	29 r 14
2	W	0 40 56	12 9 21	4 48	20 23	4 55	3 N 25	29 17
3	Th	0 44 53	13 8 28	5 12	28 49	5 2	7 44	29 21
4	F	0 48 49	14 7 32	5 34	15 27	4 54	11 47	29 24
5	S	0 52 46	15 6 34	5 57	28 16	4 32	15 22	29 27
6	S	0 56 42	16 5 34	6 20	11 17	3 55	18 16	29 31
7	M	1 0 39	17 4 31	6 43	24 30	3 52	15 29	29 34
8	Tu	1 4 36	18 3 27	7 5	7 58	2 42	9 29	29 37
9	W	1 8 32	19 2 20	7 28	21 42	0 55	20 48	29 41
10	Th	1 12 29	20 1 10	7 50	5 42	0 N 18	19 10	29 44
11	F	1 16 25	20 59 59	8 12	20 0	1 33	16 18	29 48
12	S	1 20 22	21 58 45	8 34	4 32	2 43	12 23	29 51
13	S	1 24 18	22 57 29	8 56	19 16	3 42	7 39	29 55
14	M	1 28 15	23 56 11	9 18	4 6	4 27	2 27	29 58
15	Tu	1 32 11	24 54 50	9 39	18 52	4 53	28 52	0 2
16	W	1 36 8	25 53 28	10 1	3 28	5 1	7 58	0 5
17	Th	1 40 5	26 52 4	10 22	17 46	4 49	12 31	0 9
18	F	1 44 1	27 50 38	10 43	1 39	4 20	16 16	0 12
19	S	1 47 58	28 49 10	11 4	15 6	3 37	19 2	0 16
20	S	1 51 54	29 47 41	11 24	28 7	2 44	20 4	0 19
21	M	1 55 51	0 8 46	10 11	45 10	1 44	21 17	0 23
22	Tu	1 59 47	1 44 37	12 5	23 0	0 41	20 49	0 26
23	W	2 3 44	2 43 2	12 25	5 1	0 S 22	19 23	0 30
24	Th	2 7 40	3 41 20	12 45	16 53	1 24	17 7	0 33
25	F	2 11 37	4 39 48	13 5	28 41	2 22	14 9	0 37
26	S	2 15 34	5 38 10	13 25	10 30	3 14	10 37	0 40
27	S	2 19 30	6 36 29	13 44	22 25	3 57	6 38	0 44
28	M	2 23 27	7 34 47	14 3	4 29	4 32	2 21	0 47
29	Tu	2 27 23	8 33 3	14 22	16 45	4 52	2 N 5	0 51
30	W	2 31 20	9 31 17	14 40	29 14	5 0	6 31	0 54

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 11	8 S 32	0 N 1	12 S 22	18 5	3 N 15	2 Ω 4
4	1 11	7 38	0 S 12	11 23	0 38	6 4	1 54
7	1 12	6 44	0 23	10 20	0 7	8 54	1 45
10	1 12	5 50	0 35	9 15	0 N 26	11 40	1 35
13	1 12	4 55	0 46	8 7	1 0	14 16	1 26
16	1 12	3 59	0 56	6 56	1 31	16 36	1 16
19	1 11	3 4	1 5	5 43	1 59	18 37	1 7
22	1 11	2 8	1 14	4 29	2 21	20 16	0 57
25	1 11	1 12	1 22	3 13	2 36	21 31	0 48
28	1 10	0 17	1 29	1 55	2 43	22 24	0 38

D M	h	♃	♄	♅	♆	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	22 21	19 11	11 1	12 25	10 43	☉ ☿ ♄	☉							☉
2	22 28	18 54	11 48	28 33	12 46		☉		☉	♄				☉
3	22 30	18 46	12 35	29 41	14 51	☿ ♄ ♀	☉						*	
4	22 44	18 38	13 22	0 49	16 54								*	
5	22 51	18 31	14 5	1 5	19 0	♄ ♄ ♄							☐	
6	22 59	18 23	14 56	3 6	21 5		*					☐		*
7	23 7	18 15	15 43	4 14	23 9	☿ ☉ ♈		*	*	Δ				*
8	23 14	18 8	16 30	5 23	25 14	☉ ♄ ♃	☉						Δ	
9	23 21	18 0	17 17	6 32	27 11		☐		☐	☐	Δ			☐
10	23 29	17 52	18 4	7 41	29 22	☿ ☉ ♄		☐						
11	23 36	17 45	18 51	8 50	1 24		Δ		Δ	*				
12	23 44	17 37	19 37	9 59	3 25			Δ				♄	♄	Δ
13	23 52	17 29	20 24	11 7	5 22									
14	23 59	17 21	21 10	12 16	7 18	☉ ☉ ♈	☉							
15	24 7	17 14	21 57	13 26	9 13		♄		♄	☉				
16	24 14	17 6	22 43	14 36	11 4			♄						
17	24 22	16 59	23 30	15 45	12 51							Δ	Δ	♄
18	24 29	16 51	24 16	16 55	14 36									
19	24 37	16 43	25 3	18 4	16 15					*		☐		
20	24 45	16 36	25 48	19 14	17 52		Δ		Δ			☐		
21	24 52	16 29	26 36	20 23	19 26	☉ ☉ ♈	☉				☐			
22	25 0	16 22	27 22	21 33	20 53					☐		*	*	Δ
23	25 8	16 14	28 9	22 43	22 17		☐	☐						
24	25 15	16 7	28 55	23 53	23 37					Δ				
25	25 23	16 0	29 42	25 3	24 51			*	*					☐
26	25 30	15 53	0 28	26 13	26 1		*							
27	25 38	15 46	1 15	27 23	27 6								☉	*
28	25 45	15 40	2 1	28 34	28 6									
29	25 53	15 33	2 47	29 44	29 1							♄		
30	26 1	15 27	3 33	0 54	29 51			☉	☉					

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	° /	° /	° /	° /	° /	° /
1	15	52	0 8 30	11 N 20	2 8 16	8 N 0	1 N 33	4 S 37
4	15	52	0 30	11 24	2 16	8 8	1 33	4 30
7	15	51	0 30	11 27	2 16	8 16	1 32	4 24
10	15	51	0 30	11 31	2 16	8 23	1 32	4 18
13	15	50	0 30	11 34	2 16	8 31	1 31	4 13
16	15	49	0 30	11 36	2 17	8 38	1 30	4 8
19	15	49	0 30	11 41	2 17	8 45	1 30	4 4
22	15	48	0 30	11 44	2 17	8 52	1 29	4 1
25	15	48	0 30	11 47	2 17	8 59	1 28	3 58
28	15	47	0 30	11 50	2 18	9 6	1 27	3 55
31	15	47	0 30	11 53	2 18	9 12	1 27	3 54

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	Th	2 35 16	10 8 29 30	14 N 59	11 8 58	4 S 54	10 N 46	0 8 57
2	F	2 39 13	11 27 41	15 17 24	54 4 32	14 36	1 0	
3	S	2 43 9	12 25 50	15 35 8	11 4 3 56	17 47	1 4	
4	S	2 47 6	13 23 58	15 52 21	24 3 6	20 5	1 7	
5	M	2 51 3	14 22 3	16 10 4	25 55 2 5	21 17	1 10	
6	Tu	2 54 59	15 20 7	16 27 18	36 0 56	21 14	1 14	
7	W	2 58 56	16 18 8	16 44 2	26 0 N 17	19 55	1 17	
8	Th	3 2 52	17 16 8	17 0 16	25 1 30	17 21	1 20	
9	F	3 6 49	18 14 6	17 16 0	33 2 38	13 45	1 24	
10	S	3 10 45	19 12 2	17 32 14	50 3 37	9 19	1 27	
11	S	3 14 42	20 9 56	17 48 29	12 4 23	4 20	1 30	
12	M	3 18 38	21 7 48	18 3 13	36 4 52	0 S 53	1 33	
13	Tu	3 22 35	22 5 39	18 18 27	57 5 3	6 2	1 37	
14	W	3 26 32	23 3 28	18 33 12	9 4 55	10 49	1 40	
15	Th	3 30 28	24 1 16	18 48 26	7 4 29	14 56	1 43	
16	F	3 34 25	24 59 2	19 2 9	47 3 48	18 10	1 46	
17	S	3 38 21	25 56 47	19 15 23	5 2 56	20 21	1 49	
18	S	3 42 18	26 54 30	19 29 6	1 1 55	21 24	1 53	
19	M	3 46 14	27 52 13	19 42 18	36 0 51	21 20	1 56	
20	Tu	3 50 11	28 49 54	19 55 0	52 0 S 15	20 13	1 59	
21	W	3 54 7	29 47 34	20 7 12	56 1 19	18 13	2 0	
22	Th	3 58 4	0 45 13	20 19 24	49 2 18	15 26	2 4	
23	F	4 2 1	1 42 51	20 31 6	40 3 12	12 2	2 8	
24	S	4 5 57	2 40 28	20 43 18	31 3 57	8 11	2 11	
25	S	4 9 54	3 38 5	20 54 0	29 4 32	3 58	2 14	
26	M	4 13 50	4 35 40	21 4 12	37 4 56	0 N 27	2 17	
27	Tu	4 17 47	5 33 15	21 15 25	0 5 6	4 56	2 20	
28	W	4 21 43	6 30 48	21 25 7	39 5 2	9 19	2 23	
29	Th	4 25 40	7 28 21	21 34 20	37 4 42	13 23	2 26	
30	F	4 29 36	8 25 52	21 44 3	32 4 7	16 53	2 29	
31	S	4 33 33	9 23 22	21 53 17	23 3 18	19 34	2 32	

12		RAPHAEL'S ASTRONOMICAL EPHEMERIS.										[1851.			
JUNE XXX DAYS.															
D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.								
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.							
		'	"	°	'	°	'	°	'	°	'	°	'		
1	15	47	0 8 30	11 N 54	2 S 18	9 N 15	1 N 26	3 S 53							
4	15	47	0 31	11 57	2 19	9 21	1 26	3 52							
7	15	46	0 31	12 1	2 19	9 27	1 25	3 52							
10	15	46	0 31	12 3	2 20	9 33	1 24	3 53							
13	15	46	0 31	12 5	2 20	9 38	1 23	3 54							
16	15	46	0 31	12 8	2 21	9 44	1 22	3 56							
19	15	45	0 31	12 10	2 21	9 49	1 22	3 58							
22	15	45	0 31	12 13	2 22	9 54	1 21	4 1							
25	15	45	0 31	12 15	2 23	9 59	1 20	4 5							
28	15	45	0 31	12 17	2 23	10 3	1 19	4 9							
D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♄ Long.		♄ Lat.		♄ Declin		♃ Long.	
		H. M. S.		° ' "		° ' "		° ' "		° ' "		° ' "		° ' "	
1	S	4	37 30	10	11 20 52	22	N 1	1	5 8	2	S 16	21	N 11	2	35
2	M	4	41 26	11	18 20 22	9	15 3	1	5 21	3	5 21	32	2	38	
3	Tu	4	45 23	12	15 47 22	17	29 5	0	N 10	20	31	2	41		
4	W	4	49 19	13	13 13 22	24	13 13	1	26 18	14	2	44			
5	Th	4	53 16	14	10 38 22	31	27 23	2	36 14	50	2	47			
6	F	4	57 12	15	8 2 22	38	11 35	3	37 10	34	2	50			
7	S	5	1 9	16	5 24 22	44	25 45	4	25 5	45	2	52			
8	S	5	5 5	17	2 45 22	50	9 52	4	56 0	38	2	55			
9	M	5	9 2	18	0 6 22	55	23 55	5	10 4	S 29	2	58			
10	Tu	5	12 59	18	57 25 23	0	7 50	5	5 9	19	3	0			
11	W	5	16 55	19	54 44 23	4	21 35	4	42 13	38	3	3			
12	Th	5	20 52	20	52 1 23	9	5 8	4	4 17	10	3	5			
13	F	5	24 48	21	49 18 23	12	18 25	3	13 19	44	3	8			
14	S	5	28 45	22	46 35 23	16	1 25	2	13 21	14	3	10			
15	S	5	32 41	23	43 50 23	19	14 8	1	8 21	85	3	13			
16	M	5	36 38	24	41 5 23	21	26 35	0	0 20	51	3	15			
17	Tu	5	40 34	25	38 20 23	23	8 48	1	S 6	19	3	18			
18	W	5	44 31	26	35 34 23	25	20 50	2	9 16	36	3	20			
19	Th	5	48 27	27	32 49 23	26	2 44	3	5 13	23	3	22			
20	F	5	52 24	28	30 3 23	27	14 34	3	53 9	40	3	25			
21	S	5	56 21	29	27 17 23	27	26 27	4	32 5	34	3	27			
22	S	6	0 17	0	24 31 23	27	8 25	4	58 1	14	3	29			
23	M	6	4 14	1	21 44 23	27	20 35	5	13 3	N 13	3	32			
24	Tu	6	8 10	2	18 58 23	26	3 0	5	12 7	38	3	34			
25	W	6	12 7	3	16 12 23	25	15 44	4	57 11	49	3	36			
26	Th	6	16 3	4	13 25 23	23	28 49	4	26 15	35	3	38			
27	F	6	20 0	5	10 39 23	21	12 16	3	40 18	39	3	40			
28	S	6	23 57	6	7 52 23	19	26 4	2	40 20	44	3	42			
29	S	6	27 53	7	5 6 23	16	10 10	1	29 21	36	3	44			
30	M	6	31 50	8	2 19 23	13	24 30	0	11 21	4	3	46			

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	1 S 1	9 N 46	1 S 48	12 N 44	3 S 45	15 N 21	28 50
4	0 59	10 35	1 46	13 53	3 59	15 9	28 41
7	0 58	11 23	1 42	15 0	4 3	15 16	28 31
10	0 56	12 9	1 38	16 4	3 58	15 41	28 22
13	0 55	12 54	1 34	17 4	3 44	16 21	28 12
16	0 53	13 39	1 29	18 1	3 25	17 13	28 3
19	0 51	14 21	1 23	18 53	3 0	18 14	27 53
22	0 49	15 3	1 17	19 42	2 29	19 21	27 44
25	0 48	15 43	1 10	20 26	1 56	20 29	27 34
28	0 46	16 22	1 4	21 5	1 19	21 36	27 25

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° ' "	° ' "	° ' "	° ' "	° ' "								
1	29 46	13 12	27 50	8 47	24 47			*	*		*		
2	29 53	13 11	28 35	9 59	24 44					□		*	
3	29 59	13 10	29 20	11 11	24 46			□	□		□		*
4	0 5	13 9	0 4	12 22	24 54	☉ Δ ♄	*			*		□	
5	0 11	13 8	0 49	13 34	25 4			Δ	Δ		Δ		□
6	0 17	13 7	1 34	14 45	25 21	☉ ∠ ♈	□						Δ
7	0 23	13 6	2 18	15 57	25 40								Δ
8	0 29	13 6	3 31	17 9	26 5	☿ ☉ ♂				♈			
9	0 35	13 5	3 47	18 21	26 34		Δ		♈				
10	0 41	13 5	4 32	19 33	27 7			♈	♈		♈		
11	0 47	13 5	5 16	20 45	27 44							♈	♈
12	0 53	13 6	6 0	21 56	28 26								
13	0 59	13 6	6 44	23 8	29 12	☉ ∠ ♂	♈			*			
14	1 5	13 7	7 28	24 20	0 1			Δ	Δ				
15	1 10	13 8	8 12	25 32	0 54					□	Δ		
16	1 16	13 9	8 56	26 44	1 52				□			Δ	Δ
17	1 21	13 10	9 40	27 56	2 52	♀ ♄ ♄			□		Δ	□	
18	1 27	13 11	10 24	29 8	3 57								
19	1 32	13 11	8 0	0 20	5 5			Δ	*	*		□	□
20	1 38	13 11	52 1	32 6	17						*		
21	1 43	13 12	35 2	44 7	33		□						
22	1 48	13 13	19 3	57 8	53					♈		*	*
23	1 53	13 14	2 5	9 10	16								
24	1 58	13 14	6 6	21 11	40	☉ * ♈	*	♈	♈				
25	2 3	13 15	29 7	34 13	10	☉ * ♈				♈			
26	2 8	13 16	8 46	14 43									
27	2 13	13 16	55 9	58 16	19					Δ		♈	♈
28	2 18	13 17	38 11	10 17	57				*				
29	2 22	13 18	21 12	23 19	41		♈	*		□		*	
30	2 27	13 19	4 13	35 21	26	♄ Δ ♀					*		

JULY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	08 31	12 N 19	28 24	10 N 7	1 N 19	48 13
4	15	45	0 31	12 20	2 25	10 10	1 18	4 19
7	15	45	0 31	12 22	2 25	10 14	1 18	4 24
10	15	45	0 31	12 24	2 26	10 17	1 17	4 31
18	15	45	0 31	12 25	2 27	10 20	1 16	4 38
16	15	46	0 31	12 26	2 27	10 23	1 15	4 45
19	15	46	0 31	12 27	2 28	10 25	1 14	4 53
22	15	46	0 31	12 28	2 29	10 27	1 13	5 1
25	15	46	0 31	12 29	2 30	10 29	1 13	5 10
28	15	47	0 31	12 30	2 30	10 30	1 12	5 19
31	15	47	0 31	12 30	2 30	10 32	1 11	5 29

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	6 35 46	85 59 32	23 N 9	8 59	1 N 9	19 N 8	3 48
2	W	6 39 43	9 56 45	23 52 32	2 24	15 57	3 50	
3	Th	6 43 39	10 53 58	23 1 8	3 30	11 49	3 52	
4	F	6 47 36	11 51 10	22 56 22	4 22	7 1	3 54	
5	S	6 51 32	12 48 22	22 50 6	4 58	1 54	3 56	
6	S	6 55 29	13 45 34	22 45 20	5 15	3 15	3 58	
7	M	6 59 26	14 42 46	22 39 4	5 13	8 8	4 0	
8	Tu	7 3 22	15 39 58	22 32 18	4 54	12 33	4 1	
9	W	7 7 19	16 37 9	22 25 1	4 19	16 15	4 3	
10	Th	7 11 15	17 34 21	22 18 14	3 31	19 5	4 4	
11	F	7 15 12	18 31 32	22 11 27	2 33	20 53	4 6	
12	S	7 19 8	19 28 44	22 3 10	1 28	21 35	4 7	
13	S	7 23 5	20 25 56	21 54 22	0 21	21 12	4 8	
14	M	7 27 1	21 23 8	21 45 4	0 8	47 19	4 9	
15	Tu	7 30 58	22 20 21	21 36 17	1 52	17 31	4 10	
16	W	7 34 55	23 17 34	21 27 29	2 51	14 30	4 11	
17	Th	7 38 51	24 14 48	21 17 10	3 42	10 55	4 12	
18	F	7 42 48	25 12 3	21 7 22	4 24	6 56	4 13	
19	S	7 46 44	26 9 18	20 56 4	4 55	2 41	4 14	
20	S	7 50 41	27 6 34	20 45 16	5 13	1 N 42	4 15	
21	M	7 54 37	28 3 51	20 34 28	5 17	6 5	4 16	
22	Tu	7 58 34	29 1 9	20 22 11	5 7	10 18	4 17	
23	W	8 2 30	29 58 27	20 10 23	4 42	14 11	4 18	
24	Th	8 6 27	0 55 47	19 58 6	4 21	17 30	4 19	
25	F	8 10 24	1 53 7	19 45 20	3 7	20 0	4 20	
26	S	8 14 20	2 50 29	19 32 4	2 0	21 23	4 20	
27	S	8 18 17	3 47 51	19 19 18	0 44	21 27	4 21	
28	M	8 22 13	4 45 14	19 5 3	0 N 37	20 4	4 21	
29	Tu	8 26 10	5 42 38	18 51 18	1 57	17 17	4 22	
30	W	8 30 6	6 40 3	18 37 3	3 9	13 20	4 22	
31	Th	8 34 3	7 37 28	18 23 17	4 8	8 35	4 23	

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	08 44	16 N 59	08 57	21 N 39	08 44	22 N 34	27 51 15
4	0 42	17 35	0 50	22 8	0 8	23 20	27 6
7	0 40	18 9	0 43	22 31	0 N 26	23 48	26 56
10	0 38	18 41	0 35	22 49	0 55	23 54	26 47
13	0 36	19 12	0 27	23 1	1 19	23 35	26 37
16	0 33	19 41	0 19	23 7	1 35	22 51	26 28
19	0 31	20 9	0 11	23 7	1 44	21 46	26 18
22	0 29	20 35	0 4	23 0	1 48	20 22	26 9
25	0 27	20 59	0 N 4	22 48	1 45	18 44	25 59
28	0 24	21 21	0 11	22 30	1 36	16 56	25 49
31	0 22	21 42	0 20	22 6	1 24	15 0	25 40

D M	♄	♀	♂	♀	♅	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	2 31	13 44	19 47	14 48	23 14			☐	☐	*		*		
2	2 36	13 48	20 30	16 02	25 6							☐	*	
3	2 40	13 52	21 13	17 13	27 0	☉ P ☿	*	Δ	Δ			Δ		
4	2 44	13 57	21 56	18 25	28 57	☿ ∠ ♀						Δ	☐	
5	2 49	14 12	22 38	19 38	0 57		☐						☐	
6	2 53	14 52	23 21	20 51	2 57	☉ ☐ ♄				♂		Δ		
7	2 57	14 10	24 32	22 4	5 0				♂	♂			Δ	
8	3 1	14 14	24 46	23 16	7 6	☉ P ♀	Δ							
9	3 4	14 19	25 28	24 29	9 12							♂		
10	3 8	14 24	26 11	25 41	11 19					*				
11	3 12	14 29	26 53	26 54	13 29	♄ ☐ ☿			Δ			♂		
12	3 15	14 35	27 35	28 6	15 36			♂	Δ		☐		♂	
13	3 19	14 41	28 17	29 19	17 45			♂				Δ		
14	3 22	14 46	28 59	0 32	19 55				☐	☐				
15	3 25	14 51	29 41	1 45	22 3	☉ ☉ ☿					Δ			
16	3 28	14 57	0 23	2 58	24 11	h * ♀		*	*		☐	Δ		
17	3 31	15 3	4 4	11 26	20 20	h * ♀								
18	3 34	15 9	1 46	5 24	28 25		Δ							
19	3 37	15 16	2 27	6 37	0 29							*	☐	
20	3 40	15 23	3 9	7 50	2 35	♂ * ☿				♂			Δ	
21	3 43	15 30	3 50	8 3	4 37	☉ P ♂	☐	♂	♂					
22	3 46	15 37	4 32	10 16	6 37	☉ P ☿		♂	♂			*	☐	
23	3 48	15 44	5 13	11 29	8 38									
24	3 51	15 51	5 54	12 42	10 35		*				♂		*	
25	3 53	15 58	6 35	13 56	12 32					Δ				
26	3 56	16 5	7 16	15 9	14 27				*	*				
27	3 58	16 12	7 57	16 22	16 19	☉ ☐ h					☐		♂	
28	4 0	16 19	8 38	17 36	18 9	☉ ☐ h	♂	☐	☐		*			
29	4 2	16 26	9 18	18 49	20 1						*		♂	
30	4 4	16 34	9 59	20 32	21 49			Δ	Δ		☐			
31	4 6	16 42	10 39	21 16	23 34							*		

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	08	31	28	31	1N	11
4	15	47	0	31	2	32	1	10
7	15	48	0	31	2	33	1	10
10	15	48	0	31	2	34	1	9
13	15	49	0	31	2	34	1	9
16	15	49	0	31	2	35	1	8
19	15	50	0	32	2	36	1	8
22	15	50	0	32	2	37	1	7
25	15	51	0	32	2	37	1	7
28	15	52	0	32	2	38	1	7
31	15	52	0	32	2	39	1	6
D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	8 37 59	8 52 34	18 N 8	2 28 41	4 N 50	3 N 22	4 28 23
2	S	8 41 56	9 32 21	17 53	17 9	5 12	18 56	4 23
3	S	8 45 53	10 29 49	17 37	1 m 18	5 15	7 0	4 24
4	M	8 49 49	11 27 17	17 21	15 6	5 0	11 36	4 24
5	Tu	8 53 46	12 24 46	17 5	28 33	4 28	15 29	4 24
6	W	8 57 42	13 22 16	16 49	11 40	3 43	18 31	4 24
7	Th	9 1 39	14 19 46	16 33	24 30	2 48	20 33	4 25
8	F	9 5 35	15 17 18	16 16	7 w 4	1 45	21 31	4 25
9	S	9 9 32	16 14 50	15 59	19 26	0 39	21 25	4 25
10	S	9 13 28	17 12 23	15 41	1 m 38	08 29	20 16	4 25
11	M	9 17 25	18 9 58	15 24	13 42	1 34	18 13	4 25
12	Tu	9 21 22	19 7 33	15 6	25 40	2 34	15 23	4 25
13	W	9 25 18	20 5 10	14 48	7 x 33	3 27	11 57	4 25
14	Th	9 29 15	21 2 48	14 30	19 24	4 11	8 3	4 24
15	F	9 33 11	22 0 27	14 11	1 r 14	4 44	3 51	4 24
16	S	9 37 8	22 58 8	13 52	13 7	5 5	0 N 30	4 24
17	S	9 41 4	23 55 51	13 33	25 6	5 13	4 52	4 24
18	M	9 45 1	24 53 35	13 14	7 14	5 7	9 6	4 23
19	Tu	9 48 57	25 51 21	12 55	19 35	4 47	13 2	4 23
20	W	9 52 54	26 49 9	12 35	2 13	4 13	16 29	4 23
21	Th	9 56 51	27 46 58	12 15	15 13	3 25	19 14	4 22
22	F	10 0 47	28 44 49	11 55	28 37	2 25	21 2	4 22
23	S	10 4 44	29 42 42	11 35	12 27	1 14	21 39	4 21
24	S	10 8 40	0 m 10	11 15	26 45	0 N 4	20 53	4 21
25	M	10 12 37	1 38 32	10 54	11 28	1 23	18 41	4 20
26	Tu	10 16 33	2 36 30	10 33	26 29	2 38	15 10	4 20
27	W	10 20 30	3 34 29	10 12	11 m 42	3 43	10 37	4 19
28	Th	10 24 26	4 32 30	9 51	26 55	4 32	5 23	4 18
29	F	10 28 23	5 30 33	9 30	11 59	5 1	0 S 7	4 17
30	S	10 32 20	6 28 37	9 9	26 44	5 10	5 30	4 16
31	S	10 36 16	7 26 42	8 47	11 m 5	4 59	10 25	4 15

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 S 22	21 N 48	0 N 22	21 N 56	1 N 19	14 N 20	25 37
4	0 19	22 6	0 29	21 24	1 1	12 17	25 27
7	0 17	22 23	0 35	20 47	0 40	10 13	25 17
10	0 14	22 38	0 42	20 4	0 17	8 9	25 8
13	0 11	22 51	0 48	19 16	0 S 9	6 6	24 58
16	0 8	23 2	0 54	18 23	0 36	4 5	24 49
19	0 5	23 12	1 0	17 25	1 4	2 9	24 39
22	0 2	23 20	1 5	16 23	1 33	0 19	24 30
25	0 N 1	23 26	1 9	15 16	2 2	1 S 24	24 20
28	0 4	23 31	1 13	14 6	2 31	2 58	24 11
31	0 7	23 34	1 16	12 52	2 59	4 20	24 1

D M	h	♄	♅	♆	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	4 8	7 16	△ 51	11 11	20 22	△ 29	25 21	*				
2	4 9	16 59	12 0	23 43	27 2				♈	△		
3	4 10	17 7	12 41	24 56	28 44			♈	♈		□	*
4	4 12	17 15	13 21	26 10	0 25			□				
5	4 13	17 24	14 1	27 23	2 2						△	□
6	4 14	17 32	14 41	28 37	3 39	♈ △ ♄	△			*	♈	
7	4 15	17 41	15 21	29 50	5 15							
8	4 16	17 50	16 1	1 12	6 47		△	△				△
9	4 16	17 59	16 41	2 18	8 19				□			
10	4 17	18 8	17 20	3 32	9 51	☉ * ♄	□	□			♈	
11	4 17	18 17	18 0	4 46	11 19	☉ * ♄	♈			△	△	
12	4 18	18 26	18 39	5 59	12 45	♄ △ ♄						
13	4 18	18 36	19 18	7 13	14 12		*	*				
14	4 19	18 45	19 57	8 27	15 34					□		♈
15	4 19	18 55	20 36	9 40	16 57							
16	4 19	19 4	21 15	10 54	18 17							△
17	4 19	19 14	21 54	12 8	19 35		△			♈	*	
18	4 19	19 24	22 32	13 22	20 51			♈	♈			
19	4 19	19 34	23 11	14 36	22 6						□	△
20	4 19	19 44	23 49	15 50	23 18		□					
21	4 18	19 54	24 28	17 4	24 30	♈ □ ♄				△	*	
22	4 18	20 4	25 6	18 18	25 38		*	*	*		♈	□
23	4 17	20 15	25 44	19 32	26 45							
24	4 16	20 25	26 22	20 46	27 49	♄ * ♄				□		*
25	4 15	20 36	27 0	22 1	28 50			□	□			
26	4 14	20 46	27 38	23 15	29 50		♈			*	*	♈
27	4 13	20 57	28 16	24 29	0 46			△	△			
28	4 12	21 7	28 54	25 44	1 40	☉ △ ♈					□	♈
29	4 11	21 18	29 32	26 58	2 30							
30	4 10	21 29	0 9	28 12	3 18					♈	△	*
31	4 9	21 40	0 46	29 27	4 1		*	♈	♈			

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 53	0 8 32	12 N 26	2 8 40	10 N 24	1 N 6	7 8 30
4	15 54	0 32	12 25	2 40	10 22	1 6	7 43
7	15 54	0 32	12 24	2 41	10 19	1 5	7 56
10	15 55	0 32	12 23	2 41	10 16	1 5	8 9
13	15 56	0 32	12 21	2 42	10 18	1 4	8 23
16	15 56	0 32	12 19	2 42	10 10	1 4	8 36
19	15 57	0 32	12 17	2 43	10 6	1 3	8 50
22	15 58	0 32	12 15	2 43	10 2	1 3	9 3
25	15 59	0 32	12 14	2 44	9 58	1 3	9 17
28	16 0	0 32	12 12	2 44	9 54	1 3	9 31

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	10 40 13	8 ^m 24 49	8 N 25	24 ^m 59	4 N 30	14 S 39	4 8 14
2	Tu	10 44 9	9 22 57	8 3	8 ^f 25	3 48	17 59	4 13
3	W	10 48 6	10 21 7	7 42	21 27	2 54	20 17	4 13
4	Th	10 52 2	11 19 18	7 19	4 ^w 8	1. 54	21 30	4 11
5	F	10 55 59	12 17 31	6 57	16 32	0 49	21 37	4 10
6	S	10 59 55	13 15 45	6 35	23 42	0 8	17 20	4 8
7	S	11 3 52	14 14 0	6 13	10 ^m 44	1 21	18 51	4 7
8	M	11 7 49	15 12 18	5 50	22 39	2 20	16 11	4 5
9	Tu	11 11 45	16 10 37	5 27	4 ^x 31	3 14	12 52	4 4
10	W	11 15 42	17 8 57	5 5	16 22	3 58	9 2	4 2
11	Th	11 19 38	18 7 20	4 42	28 13	4 32	4 52	4 1
12	F	11 23 35	19 5 44	4 19	10 ^r 7	4 55	0 31	3 59
13	S	11 27 31	20 4 11	3 56	22 4	5 4	3 N 53	3 58
14	S	11 31 28	21 2 39	3 33	4 ^b 8	5 1	8 11	3 56
15	M	11 35 24	22 1 10	3 10	16 19	4 43	12 12	3 55
16	Tu	11 39 21	22 59 42	2 47	28 41	4 13	15 46	3 53
17	W	11 43 18	23 58 17	2 24	11 ^π 18	3 29	18 42	3 51
18	Th	11 47 14	24 56 54	2 1	24 12	2 34	20 46	3 49
19	F	11 51 11	25 55 34	1 37	7 ^σ 28	1 28	21 46	3 47
20	S	11 55 7	26 54 16	1 14	21 9	0 17	21 30	3 45
21	S	11 59 4	27 52 59	0 51	5 ^Q 17	0 N 58	19 54	3 44
22	M	12 3 0	28 51 45	0 27	19 50	2 11	16 57	3 42
23	Tu	12 6 57	29 50 34	0 4	4 ^m 46	3 17	12 50	3 40
24	W	12 10 53	0 ^Δ 49 24	0 S 20	19 58	4 11	7 49	3 38
25	Th	12 14 50	1 48 16	0 43	5 ^Δ 16	4 47	2 18	3 36
26	F	12 18 46	2 47 11	1 7	20 28	5 2	3 S 20	3 34
27	S	12 22 43	3 46 7	1 30	5 ^m 24	4 56	8 40	3 33
28	S	12 26 40	4 45 6	1 53	19 56	4 31	13 23	3 30
29	M	12 30 36	5 44 6	2 17	3 ^f 59	3 51	17 11	3 28
30	Tu	12 34 33	6 43 8	2 40	17 31	2 58	19 55	3 26

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 7	23 N 35	1 N 17	12 N 27	3 S 7	4 S 44	23 58
4	0 11	23 36	1 20	11 9	3 32	5 45	23 49
7	0 14	23 36	1 22	9 48	3 51	6 24	23 39
10	0 18	23 35	1 23	8 25	4 4	6 37	23 29
13	0 22	23 32	1 24	7 0	4 7	6 18	23 20
16	0 25	23 28	1 25	5 33	3 56	5 22	23 10
19	0 28	23 22	1 25	4 4	3 30	3 51	23 1
22	0 32	23 16	1 25	2 34	2 45	1 53	22 51
25	0 36	23 9	1 23	1 4	1 49	0 N 10	22 42
28	0 39	23 0	1 21	0 S 27	0 49	1 56	22 32

D M	h	♄	♂	♀	♂	Mutual Aspects.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♃	♄	♅	♆	♁
	° /	° /	° /	° /	° /							
1	4 8 7	21 50	1 28	0 40	4 42	♀ P ♃						
2	4 8 5	22 1	2 0	1 55	5 18	♂ * ♀	☐					*
3	4 4 2	22 12	2 37	3 10	5 51	☉ P ♄				*		
4	4 4 2	22 24	3 13	4 25	6 18	♃ Δ ♀		Δ	Δ		♂	Δ
5	4 0 2	22 35	3 50	5 39	6 42	♃ * ♂	Δ					
6	3 58 22	46 4	26 6	53 7	0 7			☐	☐	☐		
7	3 55 22	58 5	2 8	7 7	13 7	☉ P ♀						Δ
8	3 53 23	9 5	3 9	9 22	7 19					Δ		
9	3 50 23	21 6	15 10	36 7	20 7			*	*		Δ	
10	3 48 23	33 6	51 11	51 7	15 7	♀ P ♄	♂				♂	
11	3 45 23	44 7	27 13	5 7	4 5	♂ ☐ ♀						
12	3 42 23	56 8	2 14	20 6	46 6	☉ Δ ♃					☐	♂
13	3 40 24	8 8	38 15	35 6	20 6							
14	3 37 24	20 9	14 16	49 5	48 5			♂	♂		*	
15	3 35 24	32 9	49 18	4 5	10 4	♃ ☐ ♀						Δ
16	3 32 24	44 10	24 19	18 4	24 4	♃ ☐ ♀	Δ					Δ
17	3 29 24	56 10	59 20	33 3	33 3							
18	3 26 25	8 11	34 21	48 2	37 2		☐			Δ	☐	
19	3 23 25	20 12	8 23	2 1	37 2			*	*		♂	☐
20	3 20 25	32 12	43 24	17 0	33 3		*			☐	*	
21	3 16 25	44 13	17 25	32 29	28 32			☐	☐	*		*
22	3 12 25	56 13	51 26	46 28	23 46	☉ ☉ ♀						
23	3 9 26	8 14	25 28	1 27	19 12	♀ ☉ ♀		Δ	Δ			
24	3 5 26	21 14	58 29	16 26	18 16	☉ P ♀					*	♂
25	3 1 26	34 15	32 0	31 25	22 0	☉ P ♀	♂				♂	
26	2 58 26	47 16	6 1	46 24	33 46					♂	☐	
27	2 54 27	0 16	39 3	1 23	50 1			♂	♂			
28	2 50 27	12 17	12 4	16 23	16 4						Δ	*
29	2 46 27	24 17	45 5	31 22	58 31		*				*	
30	2 42 27	37 18	18 6	46 22	38 6	☉ ☉ ♀						☐

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	"	"	°	'	°	'	°	'
1	16	1	08 32	12 N 9	28 45	9 N 49	1 N 2	9 8 44
4	16	1	0 32	12 7	2 45	9 45	1 2	9 58
7	16	2	0 32	12 5	2 45	9 40	1 2	10 12
10	16	3	0 32	12 2	2 45	9 35	1 2	10 26
13	16	4	0 32	12 0	2 46	9 30	1 1	10 40
16	16	5	0 32	11 58	2 46	9 25	1 1	10 53
19	16	5	0 32	11 55	2 46	9 20	1 1	11 7
22	16	6	0 32	11 53	2 46	9 15	1 1	11 21
25	16	7	0 32	11 50	2 46	9 10	1 1	11 34
28	16	8	0 32	11 47	2 46	9 5	1 1	11 48
31	16	9	0 32	11 45	2 46	9 0	1 1	12 1
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♄ Long.
		H. M. S.	°	'	°	'	°	'
1	W	12 38 29	7 42 12	38 4	0 36	1 N 58	21 S 30	3 24
2	Th	12 42 26	8 41 17	3 27 13	16	0 53 21	55	3 22
3	F	12 46 22	9 40 24	3 50 25	37	0 S 12 21	14	3 20
4	S	12 50 19	10 39 33	4 13 7	43	1 15 19	34	3 18
5	S	12 54 15	11 38 44	4 37 19	39	2 15 17	4	3 16
6	M	12 58 12	12 37 57	5 0 1	30	3 7 13	52	3 13
7	Tu	13 2 9	13 37 11	5 23 13	20	3 52 10	7	3 11
8	W	13 6 5	14 36 28	5 46 25	11	4 26 5	59	3 8
9	Th	13 10 2	15 35 46	6 9 7	6	4 49 1	36	3 6
10	F	13 13 58	16 35 6	6 31 19	0	4 59 2	N 52	3 3
11	S	13 17 55	17 34 29	6 54 1	12	4 56 7	13	3 1
12	S	13 21 51	18 33 53	7 17 13	25	4 39 11	26	2 58
13	M	13 25 48	19 33 20	7 39 25	46	4 9 15	11	2 56
14	Th	13 29 44	20 32 49	8 2 8	17	3 27 18	18	2 53
15	W	13 33 41	21 32 20	8 24 21	0	2 34 20	36	2 51
16	Th	13 37 38	22 31 53	8 46 3	57	1 31 21	53	2 49
17	F	13 41 34	23 31 29	9 9 17	11	0 23 21	59	2 46
18	S	13 45 31	24 31 7	9 31 0	44	0 N 49 20	48	2 44
19	S	13 49 27	25 30 47	9 52 14	39	1 59 18	21	2 42
20	M	13 53 24	26 30 10	10 14 28	5	3 41 44	43	2 39
21	Tu	13 57 20	27 30 15	10 36 13	36	3 58 10	7	2 37
22	W	14 1 17	28 30 21	10 57 28	32	4 38 4	50	2 34
23	Th	14 5 13	29 29 51	11 18 13	36	4 58 0	S 47	2 32
24	F	14 9 10	0 29 42	11 38 8	39	4 58 6	22	2 30
25	S	14 13 7	1 29 35	12 0 13	31	4 37 11	30	2 28
26	S	14 17 3	2 29 31	12 21 28	4	3 59 15	52	2 25
27	M	14 21 0	3 29 28	12 41 12	11	3 7 19	11	2 23
28	Tu	14 24 56	4 29 26	13 2 25	49	2 6 21	18	2 20
29	W	14 28 53	5 29 27	13 22 5	58	1 0 22	10	2 18
30	Th	14 32 49	6 29 29	13 42 21	42	0 S 8 21	50	2 15
31	F	14 36 46	7 29 33	14 1 4	5	1 13 20	26	2 13

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 43	22 N 51	1 N 18	1 S 59	0 N 8	3 N 4	22 23
4	0 47	22 41	1 15	3 30	0 54	3 26	22 13
7	0 51	22 30	1 11	5 0	1 27	3 3	22 4
10	0 55	22 19	1 8	6 30	1 48	2 2	21 54
13	1 0	22 7	1 3	7 58	1 59	0 33	21 45
16	1 4	21 55	0 58	9 25	2 0	1 S 16	21 35
19	1 9	21 43	0 53	10 50	1 54	3 17	21 26
22	1 14	21 30	0 47	12 12	1 43	5 23	21 16
25	1 19	21 17	0 41	13 33	1 29	7 30	21 7
28	1 24	21 5	0 35	14 50	1 12	9 36	20 57
31	1 29	20 53	0 28	16 3	0 53	11 38	20 47

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♅	♀	♁
	° /	° /	° /	° /	° /							
1	2 38	27 49	18 50	8 1	22 35	☉ P ♀	Δ	Δ	*			
2	2 34	28 21	19 23	9 16	22 41		☐			♂	☐	
3	2 30	28 14	19 55	10 31	22 58				☐			Δ
4	2 26	28 27	20 27	11 46	23 25	♀ P ☉	Δ	☐	☐		Δ	
5	2 22	28 40	20 58	13 1	24 2							
6	2 18	28 53	21 29	14 15	24 47			*	*	Δ		
7	2 13	29 6	22 1	15 30	25 41	☉ P ♀						
8	2 9	29 18	22 32	16 45	26 41						Δ	♂
9	2 4	29 31	23 3	18 0	27 50							
10	1 59	29 44	23 33	19 15	29 3		♂				☐	♂
11	1 55	29 57	24 3	20 30	0 22			♂	♂	♂		
12	1 50	0 10	24 33	21 45	1 46							
13	1 45	0 23	25 4	23 0	3 11					*		
14	1 41	0 36	25 34	24 15	4 42							Δ
15	1 36	0 49	26 4	25 30	6 16		Δ				Δ	
16	1 31	1 2	26 33	26 45	7 50	♂ ☐ ♀		*	*	Δ		☐
17	1 26	1 15	27 2	28 0	9 26							
18	1 21	1 28	27 30	29 15	11 6	h ♂ ♀	☐	☐	☐	☐	♂	☐
19	1 16	1 41	27 51	0 30	12 44							*
20	1 12	1 54	28 27	1 45	14 21	♂ ☐ ♀	*	Δ	*	*	*	
21	1 7	2 7	28 55	3 1	16 5	h ♂ ♀						
22	1 2	2 20	29 23	4 16	17 46						*	
23	0 57	2 33	29 51	5 31	19 27	h ♂ ♀						♂
24	0 52	2 46	0 18	6 46	21 9	☉ ♂ h	♂	♂	♂	♂	☐	♂
25	0 47	3 0	0 45	8 1	22 45	h ☐ ♂					♂	
26	0 43	3 13	1 11	9 16	24 30	☉ ♂ h					Δ	
27	0 38	3 26	1 37	10 32	26 12	☉ ♂ ♀						
28	0 33	3 39	2 8	11 47	27 50			Δ	Δ			*
29	0 29	3 52	2 28	13 2	29 31	h ☐ ♂	*			*	*	
30	0 24	4 5	2 53	14 17	1 12	h ♂ ♀						
31	0 19	4 19	3 18	15 32	2 50	h ♂ ♀	☐	☐	☐	☐	♂	☐

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 32	11 N 44	28 46	8 N 59	1 N 0	12 S 6
4	16	9	0 32	11 42	2 45	8 54	1 0	12 19
7	16	10	0 32	11 39	2 45	8 50	1 0	12 32
10	16	11	0 32	11 37	2 45	8 45	1 0	12 45
13	16	12	0 32	11 34	2 44	8 41	1 0	12 57
16	16	12	0 32	11 32	2 44	8 37	1 0	13 10
19	16	13	0 32	11 30	2 44	8 33	1 0	13 22
22	16	13	0 32	11 28	2 43	8 30	1 0	13 35
25	16	14	0 32	11 26	2 42	8 26	1 0	13 47
28	16	14	0 32	11 24	2 42	8 23	1 0	13 58

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	14 40 42	8m 29 38	14 S 21	16m 13	2 S 13	18 S 6	28 10
2	S	14 44 39	9 29 45	14 40 28	9 3 7	15 3	28 8	28 8
3	M	14 48 36	10 29 54	14 59 10	0 3 52	11 24	2 5	2 5
4	Tu	14 52 32	11 30 4	15 18 21	50 4 27	7 20	2 3	2 3
5	W	14 56 29	12 30 15	15 36 3	43 4 50	2 58	2 0	2 0
6	Th	15 0 25	13 30 28	15 54 15	43 5 1	1 N 33	1 58	1 58
7	F	15 4 22	14 30 43	16 12 27	50 4 59	6 3	1 55	1 55
8	S	15 8 18	15 31 0	16 30 10	8 7 4	43 10	23 1	53
9	S	15 12 15	16 31 18	16 47 22	34 4 13	14 21	1 51	51
10	M	15 16 11	17 31 38	17 4 5	12 3 30	17 44	1 48	48
11	Tu	15 20 8	18 32 0	17 21 18	0 2 36	20 19	1 46	46
12	W	15 24 5	19 32 23	17 38 0	59 1 33	21 54	1 43	43
13	Th	15 28 1	20 32 48	17 54 14	10 0 25	22 18	1 41	41
14	F	15 31 58	21 33 16	18 10 27	32 0 N 47	21 26	1 39	39
15	S	15 35 54	22 33 45	18 26 11	9 1 57	19 19	1 36	36
16	S	15 39 51	23 34 16	18 41 25	0 3 2	16 3	1 34	34
17	M	15 43 47	24 34 49	18 56 9	6 3 56	11 49	1 32	32
18	Tu	15 47 44	25 35 23	19 10 23	26 4 37	6 51	1 30	30
19	W	15 51 40	26 36 0	19 25 7	58 5 1	1 27	1 28	28
20	Th	15 55 37	27 36 38	19 39 22	37 5 6	4 S 4	1 26	26
21	F	15 59 34	28 37 17	19 52 7	16 4 50	9 22	1 24	24
22	S	16 3 30	29 37 58	20 5 21	47 4 16	14 6	1 22	22
23	S	16 7 27	0 38 41	20 18 6	5 3 26	17 57	1 20	20
24	M	16 11 23	1 39 25	20 31 20	3 2 25	20 41	1 18	18
25	Tu	16 15 20	2 40 11	20 43 3	38 1 17	22 8	1 16	16
26	W	16 19 16	3 40 57	20 54 16	48 0 6	22 18	1 14	14
27	Th	16 23 13	4 41 45	21 5 29	35 1 S 3	21 17	1 12	12
28	F	16 27 9	5 42 33	21 16 12	1 2 7	19 14	1 10	10
29	S	16 31 6	6 43 23	21 27 24	11 3 4	16 21	1 8	8
30	S	16 35 3	7 44 13	21 37 6	10 3 52	12 51	1 6	6

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 31	20 N 48	0 N 26	16 S 27	0 N 46	12 S 18	20 54 44
4	1 37	20 37	0 19	17 36	0 27	14 18	20 35
7	1 42	20 25	0 11	18 40	0 7	16 2	20 25
10	1 48	20 14	0 4	19 40	0 8 13	17 43	20 16
13	1 53	20 4	0 8 3	20 35	0 33	19 17	20 6
16	1 59	19 55	0 10	21 25	0 53	20 42	19 57
19	2 6	19 47	0 18	22 9	1 10	21 58	19 47
22	2 12	19 40	0 25	22 48	1 27	23 4	19 38
25	2 19	19 34	0 33	23 20	1 42	24 0	19 28
28	2 26	19 30	0 39	23 47	1 55	24 44	19 18

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♅	♀	♁
	° /	° /	° /	° /	° /								
1	0 8 13	4 m 32	3 0 43	16 m 47	4 m 30	♁ ☉ ♄						☐	
2	0 8 8	4 45	4 8 18	2 6 10				*	*				
3	0 4	4 58	4 32 19	17 7 47			Δ			Δ			Δ
4	0 0	5 11	4 55 20	32 9 24								Δ	
5	29 55	5 24	5 18 21	47 11 3							Δ		
6	29 51	5 37	5 41 23	2 12 39	♁ ☐ ♄								
7	29 46	5 50	6 3 24	17 14 16	☉ ☉ ♁			♈	♈				
8	29 41	6 3	6 25 25	33 15 53	☉ P ♁					♈	☐		
9	29 37	6 16	6 46 26	48 17 28								♈	♈
10	29 32	6 30	7 7 28	3 19 4							*		
11	29 28	6 43	7 28 29	18 20 41									
12	29 23	6 56	7 49 0 33	22 14	♀ P ♈			*	*	Δ			
13	29 19	7 9	8 9 1	48 23 49									
14	29 14	7 22	8 29 3	4 25 25	♀ P ♈		Δ	☐	☐			Δ	Δ
15	29 10	7 35	8 48 4	19 26 58						☐	♈		
16	29 6	7 48	9 6 5	34 28 32			☐	Δ	Δ				☐
17	29 2	8 0	9 24 6	49 0 7						*		☐	
18	28 58	8 13	9 42 8	4 1 40			*						
19	28 54	8 26	9 59 9	19 3 13							*	*	*
20	28 50	8 39 10	16 10 35	4 47	♀ Δ ♈				♈				
21	28 47	8 52 10	32 11 50	6 19				♈		♈	☐		
22	28 43	9 4 10	47 13 5	7 52	♈ ☐ ♁								
23	28 39	9 17 11	2 14 20	9 26			♈				Δ		♈
24	28 36	9 30 11	17 15 35	10 57	♈ Δ ♁							♈	
25	28 32	9 42 11	31 16 50	12 30	♈ ☐ ♁			Δ	Δ	*			
26	28 28	9 55 11	45 18 6	14 3	♈ ☐ ♁								
27	28 25	10 8 11	58 19 21	15 33	♈ ☐ ♁		*	☐	☐				
28	28 22	10 20 12	10 20 36	17 6						☐	♈		*
29	28 18	10 33 12	21 21 51	18 39					*			*	
30	28 15	10 45 12	32 23 6	20 9			☐	*		Δ			

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	0 S 31	11 N 22	2 S 42	8 N 20	1 N 1	14 8 10
4	16	15	0 31	11 20	2 41	8 18	1 1	14 21
7	16	16	0 31	11 19	2 40	8 16	1 1	14 32
10	16	16	0 31	11 17	2 39	8 14	1 1	14 43
13	16	16	0 31	11 16	2 38	8 13	1 1	14 53
16	16	17	0 31	11 14	2 37	8 12	1 1	15 4
19	16	17	0 30	11 13	2 36	8 11	1 1	15 14
22	16	17	0 30	11 12	2 35	8 11	1 1	15 23
25	16	17	0 30	11 12	2 34	8 11	1 1	15 33
28	16	17	0 30	11 11	2 33	8 11	1 2	15 42
31	16	17	0 30	11 11	2 32	8 12	1 2	15 50

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin ° ' "	♃ Long. ° ' "
1	M	16 38 59	8 45 5	21 S 47	18 3	4 S 30	8 S 52	18 4
2	Tu	16 42 56	9 45 57	21 56	29 54	4 56	4 33	1 2
3	W	16 46 52	10 46 50	22 51	11 49	5 9	0 4	1 1
4	Th	16 50 49	11 47 44	22 13	23 51	5 9	4 N 28	0 59
5	F	16 54 45	12 48 38	22 21	6 5	4 55	8 55	0 57
6	S	16 58 42	13 49 34	22 29	18 31	4 27	13 4	0 56
7	S	17 2 38	14 50 30	22 36	1 12	3 46	16 44	0 54
8	M	17 6 35	15 51 27	22 42	14 7	2 52	19 40	0 52
9	Tu	17 10 32	16 52 25	22 49	27 17	1 48	21 38	0 51
10	W	17 14 28	17 53 24	22 54	10 40	0 37	22 25	0 49
11	Th	17 11 25	18 54 24	23 0	24 15	0 N 38	21 54	0 48
12	F	17 22 21	19 55 25	23 4	8 50	1 51	20 4	0 47
13	S	17 26 18	20 56 27	23 9	21 53	2 58	17 2	0 46
14	S	17 30 14	21 57 30	23 13	5 54	3 56	18 0	0 44
15	M	17 34 11	22 58 34	23 16	20 0	4 39	8 14	0 43
16	Tu	17 38 7	23 59 38	23 19	4 11	5 6	3 1	0 41
17	W	17 42 4	24 0 44	23 22	18 25	5 14	2 S 22	0 40
18	Th	17 46 1	24 1 51	23 24	2 38	5 3	7 38	0 39
19	F	17 49 57	24 2 58	23 25	16 47	4 34	12 29	0 38
20	S	17 53 54	24 4 6	23 27	0 49	3 48	16 37	0 37
21	S	17 57 50	24 5 14	23 27	14 39	2 50	19 46	0 36
22	M	18 1 47	24 6 6	23 27	28 16	1 43	21 44	0 35
23	Tu	18 5 43	1 7 33	23 27	11 35	0 31	22 26	0 34
24	W	18 9 40	2 8 43	23 26	24 36	0 S 41	21 54	0 33
25	Th	18 13 36	3 9 53	23 25	7 18	1 49	20 13	0 33
26	F	18 17 33	4 11 3	23 23	19 44	2 51	17 36	0 32
27	S	18 21 30	5 12 13	23 21	1 55	3 43	14 16	0 31
28	S	18 25 26	6 13 23	23 19	13 56	4 25	10 24	0 31
29	M	18 29 23	7 14 33	23 16	25 50	4 55	6 10	0 30
30	Tu	18 33 19	8 15 43	23 12	7 42	5 12	1 44	0 30
31	W	18 37 16	9 16 53	23 8	19 37	5 17	2 N 47	0 29

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 34	19 N 27	0 S 46	24 S 6	2 S 5	25 S 17	19 5 9
4	2 41	19 26	0 52	24 19	2 14	25 38	18 59
7	2 48	19 27	0 59	24 26	2 18	25 46	18 50
10	2 55	19 30	1 5	24 25	2 18	25 40	18 40
13	3 3	19 35	1 11	24 18	2 13	25 21	18 31
16	3 11	19 42	1 16	24 4	2 3	24 50	18 21
19	3 19	19 52	1 21	23 44	1 45	24 7	18 12
22	3 27	20 3	1 25	23 16	1 17	23 15	18 2
25	3 35	20 16	1 29	22 43	0 40	22 19	17 52
28	3 42	20 32	1 32	22 3	0 N 8	21 24	17 43
31	3 50	20 49	1 34	21 18	1 5	20 38	17 34

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	28 r 13	10 m 57	12 Ω 43	24 ♄ 21	21 ♄ 41								☐
2	28 R 10	11 10 12	53 25	37 23	13								☐
3	28 7 11	22 13	2 26	52 24	43	♄ ♀ ☿	Δ					Δ	☐
4	28 5 11	34 13	10 28	7 26	14	♈ Δ ♀			♈			Δ	Δ
5	28 2 11	46 13	18 29	22 27	45			♈		♈			
6	28 0 11	58 13	25 0 w 37	29 14	14	☉ Δ ♂						☐	
7	27 58 12	10 13	31 1	52 0 w 43	♀ Δ ♄								
8	27 55 12	22 13	37 3	7 2	13		♈					*	
9	27 53 12	34 13	42 4	22 3	40			*	*				
10	27 51 12	46 13	46 5	37 5	7					Δ		♈	♈
11	27 49 12	58 13	49 6	52 6	35			☐	☐				
12	27 47 13	10 13	52 8	7 7	58					☐	♈		
13	27 44 13	22 13	55 9	22 9	22	♀ ♂ ♀	Δ		Δ			Δ	Δ
14	27 42 13	34 13	56 10	38 10	46			Δ					
15	27 40 13	46 13	R 56 11	53 12	5		☐			*			
16	27 38 13	58 13	56 13	8 13	23	♄ ☐ ♂							
17	27 37 14	9 13	55 14	23 14	40	♄ * ♀						*	☐
18	27 35 14	21 13	53 15	38 15	51		*	♈	♈			*	☐
19	27 34 14	32 13	50 16	53 17	0	☉ Δ ♈				♈	☐	*	*
20	27 33 14	43 13	47 18	8 18	5	♀ ♂ ♀							
21	27 32 14	54 13	43 19	23 19	5							Δ	
22	27 31 15	5 13	37 20	38 19	59	☉ Δ ♄	♈	Δ	Δ				
23	27 31 15	16 13	31 21	53 20	47					*			
24	27 30 15	27 13	24 23	8 21	29			☐	☐			♈	♈
25	27 30 15	38 13	16 24	23 22	3					♈			
26	27 29 15	48 13	8 25	38 22	26					☐			
27	27 29 15	59 12	59 26	53 22	41	♈ ☐ ♀	*	*	*				
28	27 28 16	9 12	48 28	8 22	R 45					Δ			
29	27 28 16	20 12	37 29	23 22	38							*	*
30	27 27 16	30 12	25 0 m 38	22 18	18	♄ ☐ ♀	☐				Δ		
31	27 27 16	40 12	12 1	53 21	48								☐

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
0 0 0	0	10	24	28 18	14	3	1 51 37	0	11	19	17 23	5	28
0 3 40	1	11	25	28 46	14	4	1 55 27	1	12	20	18 11	6	29
0 7 20	2	12	26	29 25	15	5	1 59 17	2	13	21	18 51	7	30
0 11 0	3	13	27	0 14	16	6	2 3 8	3	14	21	19 30	8	1
0 14 41	4	14	28	0 49	17	6	2 6 59	4	15	22	20 9	8	1
0 18 21	5	15	29	1 25	17	7	2 10 51	5	15	23	20 48	9	2
0 22 2	6	16	29	2 2	18	8	2 14 44	6	16	24	21 37	10	3
0 25 42	7	17	30	3 42	19	9	2 18 37	7	17	24	22 8	11	4
0 29 23	8	18	1	3 26	19	10	2 22 31	8	18	25	22 47	11	5
0 33 4	9	19	2	4 4	20	10	2 26 25	9	19	26	23 28	12	6
0 36 45	10	20	3	4 41	21	11	2 30 20	10	20	27	24 8	13	7
0 40 26	11	22	4	5 19	22	12	2 34 16	11	21	27	24 46	13	8
0 44 8	12	23	4	5 58	22	13	2 38 12	12	22	28	25 26	14	9
0 47 50	13	24	5	6 36	23	14	2 42 10	13	23	29	26 8	15	10
0 51 32	14	25	6	7 14	24	15	2 46 8	14	24	Ω	26 48	15	11
0 55 14	15	26	7	7 53	24	15	2 50 7	15	25	0	27 29	16	11
0 58 5	16	27	8	8 32	25	16	2 54 7	16	26	1	28 10	17	12
1 2 40	17	28	8	9 10	26	17	2 58 7	17	27	2	28 51	18	13
1 6 23	18	29	9	9 47	26	18	3 2 8	18	28	3	29 32	19	14
1 10 7	19	II	10	10 25	27	19	3 6 9	19	29	4	30 13	20	15
1 13 51	20	1	11	11 5	28	20	3 10 12	20	30	5	0 54	20	16
1 17 35	21	2	12	11 43	29	20	3 14 15	21	0	5	1 36	21	17
1 21 20	22	3	13	12 22	29	21	3 18 19	22	1	6	2 17	22	18
1 25 6	23	4	13	13 0	30	22	3 22 23	23	2	7	2 59	23	19
1 28 52	24	5	14	13 39	1	23	3 26 28	24	3	8	3 41	24	20
1 32 38	25	6	15	14 18	2	24	3 30 35	25	4	8	4 23	25	21
1 36 25	26	7	16	14 56	2	25	3 34 41	26	5	9	5 5	26	21
1 40 12	27	8	16	15 35	3	26	3 38 49	27	6	10	5 47	26	22
1 44 0	28	9	17	16 14	4	26	3 42 57	28	7	11	6 30	27	23
1 47 48	29	10	18	16 53	4	27	3 47 6	29	8	12	7 12	28	24
1 51 37	30	11	19	17 32	5	28	3 51 15	30	9	12	7 54	28	25

Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
3 51 15	0	9	12	7 54	28	25	6 0 0	0	7	7	0 0	28	28
3 55 25	1	10	13	8 37	29	26	6 4 23	1	8	8	0 45	24	24
3 59 36	2	11	14	9 20	30	27	6 8 48	2	9	9	1 30	25	25
4 3 48	3	12	15	10 3	1	28	6 13 5	3	10	9	2 15	26	26
4 8 0	4	13	16	10 47	1	29	6 17 26	4	11	10	3 0	27	27
4 12 13	5	14	16	11 30	2	30	6 21 46	5	11	11	3 45	27	28
4 16 36	6	15	17	12 13	3	0	6 26 9	6	12	12	4 30	28	28
4 20 40	7	16	18	12 56	4	1	6 30 30	7	13	13	5 15	29	29
4 24 55	8	16	19	13 40	5	2	6 34 51	8	14	14	6 0	30	30
4 29 10	9	17	20	14 24	6	3	6 39 11	9	15	14	6 44	1	1
4 33 26	10	18	20	15 8	6	4	6 43 31	10	16	15	7 29	2	2
4 37 43	11	19	21	15 52	7	5	6 47 51	11	17	16	8 14	3	3
4 41 59	12	20	22	16 36	8	6	6 52 11	12	18	17	8 59	4	4
4 46 16	13	21	23	17 19	9	7	6 56 31	13	19	18	9 43	5	5
4 50 34	14	22	24	18 4	10	8	7 0 50	14	20	19	10 27	6	6
4 54 52	15	23	25	18 49	11	9	7 5 8	15	21	19	11 11	6	7
4 59 10	16	24	25	19 33	12	10	7 9 26	16	22	20	11 56	6	8
5 3 29	17	25	26	20 17	13	11	7 13 44	17	23	21	12 40	7	9
5 7 49	18	26	27	21 1	13	12	7 18 1	18	24	22	13 24	8	10
5 12 9	19	27	28	21 45	14	13	7 22 18	19	25	23	14 8	9	11
5 16 29	20	27	28	22 31	15	13	7 26 34	20	25	23	14 53	10	12
5 20 49	21	28	29	23 16	16	14	7 30 50	21	26	24	15 36	10	13
5 25 9	22	29	29	24 0	17	15	7 35 5	22	27	25	16 20	11	14
5 29 30	23	Ω	1	24 45	17	16	7 39 20	23	28	26	17 4	12	14
5 33 51	24	1	2	25 30	18	17	7 43 34	24	29	27	17 47	13	15
5 38 12	25	2	3	26 15	19	18	7 47 47	25	30	28	18 30	14	16
5 42 34	26	3	3	27 0	20	19	7 52 0	26	1	29	19 13	15	17
5 46 55	27	4	4	27 45	20	20	7 56 12	27	2	30	19 57	15	18
5 51 17	28	5	5	28 30	21	21	8 0 24	28	3	31	20 40	16	19
5 55 38	29	6	6	29 15	22	22	8 4 35	29	4	1	21 23	17	20
6 0 0	30	7	7	30 0	23	23	8 8 46	30	5	2	22 6	18	21

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	Q	W	U	°	m	f	H.	M.	S.	Q	W	U	°	m	f
8	8	45	0	5	2	22	6	18	21	10	8	23	0	2	25	12	28
8	12	54	1	6	2	22	48	19	22	10	12	13	1	3	26	13	46
8	17	3	2	7	3	23	30	19	23	10	16	0	2	3	26	13	45
8	21	11	3	8	4	24	13	20	24	10	19	48	3	4	27	14	25
8	25	19	4	9	5	24	55	21	25	10	23	35	4	5	28	15	4
8	29	26	5	10	6	25	37	22	26	10	27	22	5	6	29	16	42
8	33	31	6	10	6	26	19	22	27	10	31	8	6	7	29	16	21
8	37	37	7	11	7	27	1	23	28	10	34	54	7	8	m	17	0
8	41	41	8	12	8	27	43	24	28	10	38	40	8	9	1	17	39
8	45	45	9	13	9	28	24	25	29	10	42	25	9	10	2	18	17
8	49	48	10	14	9	29	6	26	vr	10	46	9	10	10	2	18	55
8	53	51	11	15	10	29	47	26	1	10	49	53	11	11	3	19	34
8	57	52	12	16	11	0m	28	27	2	10	53	37	12	12	4	20	13
9	1	53	13	17	12	1	9	28	3	10	57	20	13	13	4	20	51
9	5	53	14	18	13	1	50	29	4	11	1	3	14	14	5	21	30
9	9	53	15	18	13	2	31	29	5	11	4	46	15	15	6	22	8
9	13	52	16	19	14	3	12	f	6	11	8	28	16	16	6	22	46
9	17	50	17	20	15	3	52	1	7	11	12	10	17	17	7	23	24
9	21	47	18	21	16	4	32	2	8	11	15	22	18	17	8	24	2
9	25	44	19	22	17	5	12	3	9	11	19	34	19	18	9	24	40
9	29	40	20	23	17	5	52	3	10	11	23	15	20	19	9	25	19
9	33	35	21	24	18	6	32	4	11	11	26	56	21	20	10	25	59
9	37	30	22	25	19	7	13	5	13	11	30	37	22	20	11	26	38
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15
9	45	16	24	27	21	8	23	7	14	11	37	58	24	22	12	27	53
9	49	9	25	28	21	9	13	8	15	11	41	39	25	23	13	28	32
9	53	1	26	28	22	9	51	8	16	11	45	19	26	24	13	29	11
9	56	52	27	29	23	10	30	9	17	11	49	0	27	25	14	29	53
10	0	48	28	29	24	11	9	10	18	11	53	40	28	25	15	0	f
10	4	38	29	1	24	11	48	10	19	11	56	29	29	26	15	1	11
10	8	28	30	2	25	12	28	11	20	12	0	0	30	27	16	1	47

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	Q	W	U	°	m	f	H.	M.	S.	Q	W	U	°	m	f
12	0	0	0	27	16	1	47	6	21	13	51	37	0	21	8	23	4
12	3	40	1	28	17	2	33	7	22	13	55	27	1	22	9	23	53
12	7	20	2	29	18	3	11	8	23	13	59	17	2	23	9	24	42
12	11	0	3	m	19	4	40	9	24	14	3	8	3	24	10	25	31
12	14	41	4	0	19	4	28	10	25	14	6	59	4	25	11	26	21
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13
12	22	2	6	2	20	5	47	11	28	14	14	44	6	26	13	28	5
12	25	42	7	3	21	6	37	12	29	14	18	37	7	27	13	28	58
12	29	23	8	3	22	7	6	12	x	14	22	31	8	28	14	29	51
12	33	4	9	4	23	7	46	14	1	14	26	25	9	29	15	0vr	45
12	36	45	10	5	23	8	36	15	2	14	30	20	10	f	16	1	40
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36
12	44	8	12	7	25	9	48	17	5	14	38	13	12	1	17	3	32
12	47	50	13	7	25	10	29	18	6	14	42	10	13	2	18	4	30
12	51	32	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28
12	58	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	28
13	2	40	17	11	28	13	17	22	10	14	58	7	17	6	22	8	30
13	6	23	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33
13	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	38
13	13	51	20	13	f	15	27	25	14	15	10	13	20	8	24	11	44
13	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	52
13	21	30	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0
13	25	6	23	15	3	17	38	29	18	15	22	23	23	11	27	15	10
13	28	52	24	16	3	18	25	m	19	15	26	29	24	12	28	16	21
13	32	38	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37
13	36	25	26	18	5	19	57	3	23	15	34	41	26	14	vr	18	53
13	40	12	27	19	6	20	43	3	23	15	38	49	27	15	1	20	10
13	44	0	28	20	6	21	29	4	24	15	42	57	28	15	2	21	28
13	47	48	29	21	7	22	18	5	25	15	47	6	29	16	3	22	50
13	51	57	30	22	8	23	6	7	27	15	51	15	30	17	4	24	18

ABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Asc. dian.	10 °	11 °	12 °	Ascen °	2 °	3 °	Right Asc. of Meridian.	10 °	11 °	12 °	Ascen °	2 °	3 °
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
15	0	17	4	24	13	26	7	18	0	0	0	0	20
25	1	18	5	25	30	28	8	18	4	23	2	53	21
36	2	19	6	27	9	29	10	18	8	43	5	46	23
48	3	20	7	28	40	7	11	18	13	5	8	35	25
0	4	21	8	Small	2	13	12	18	17	26	4	21	26
13	5	22	9	1	48	4	13	18	21	48	5	23	27
26	6	23	10	3	28	6	14	18	26	9	6	24	28
40	7	24	11	5	9	9	16	18	30	30	7	25	29
55	8	25	12	6	55	11	17	18	34	51	8	26	30
10	9	26	13	8	44	13	18	18	39	11	9	27	31
26	10	27	14	10	36	15	20	18	43	31	10	28	32
43	11	28	15	13	31	17	21	18	47	51	11	29	33
59	12	29	16	14	30	19	22	18	53	11	12	1	34
16	13	30	17	16	31	21	24	18	58	31	13	2	35
34	14	1	19	18	30	23	25	19	0	50	14	3	36
52	15	2	20	20	40	25	26	19	5	8	15	4	37
10	16	3	21	23	2	27	27	19	9	20	16	5	38
29	17	4	22	25	20	28	28	19	13	44	17	6	39
49	18	5	23	27	41	30	29	19	18	1	18	7	40
9	19	6	25	0	7	2	30	19	23	18	19	8	41
29	20	7	26	2	36	3	31	19	28	34	20	9	42
49	21	8	27	5	9	5	32	19	30	50	21	10	43
9	22	9	29	7	44	7	33	19	35	5	22	11	44
30	23	10	30	10	23	8	34	19	39	20	23	12	45
51	24	11	1	13	4	10	35	19	43	34	24	13	46
12	25	12	3	15	51	12	36	19	47	47	25	14	47
34	26	13	4	18	37	14	37	19	52	0	26	15	48
55	27	14	5	21	25	15	38	19	56	12	27	16	49
17	28	15	7	24	14	17	39	20	0	24	28	17	50
38	29	16	8	27	7	19	40	20	4	36	29	18	51
0	30	17	10	30	0	20	41	20	8	45	30	19	52

Asc. dian.	10 °	11 °	12 °	Ascen °	2 °	3 °	Right Asc. of Meridian.	10 °	11 °	12 °	Ascen °	2 °	3 °
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
45	0	23	3	5	47	26	13	22	8	23	0	3	23
54	1	24	5	7	10	28	14	22	12	12	1	4	24
3	2	25	7	8	33	28	15	22	16	0	2	5	25
11	3	27	9	9	50	29	16	22	19	48	3	7	26
19	4	28	11	11	7	30	17	22	23	35	4	8	27
26	5	29	13	13	23	1	18	22	27	23	5	9	28
31	6	30	15	15	30	2	19	22	31	8	6	10	29
37	7	31	17	17	40	3	20	22	34	54	7	12	30
41	8	32	18	18	5	4	21	22	38	40	8	13	31
45	9	33	20	20	17	5	22	22	42	25	9	14	32
48	10	34	22	22	16	6	23	22	46	9	10	16	33
51	11	35	24	24	19	7	24	22	49	53	11	17	34
53	12	36	26	26	27	8	25	22	53	37	12	18	35
55	13	37	28	28	30	9	26	22	57	20	13	20	36
58	14	38	30	30	32	10	27	23	0	3	14	21	37
59	15	39	32	32	33	11	28	23	4	46	15	22	38
59	16	40	34	34	33	12	29	23	8	28	16	23	39
50	17	41	36	36	30	13	30	23	12	10	17	24	40
47	18	42	38	38	28	14	31	23	15	53	18	25	41
44	19	43	40	40	24	15	32	23	19	34	19	26	42
40	20	44	42	42	20	16	33	23	23	15	20	27	43
35	21	45	44	44	16	17	34	23	26	58	21	28	44
29	22	46	46	46	12	18	35	23	30	37	22	29	45
23	23	47	48	48	8	19	36	23	34	18	23	30	46
16	24	48	50	50	4	20	37	23	37	58	24	31	47
9	25	49	52	52	0	21	38	23	41	30	25	32	48
1	26	50	54	54	0	22	39	23	45	19	26	33	49
53	27	51	56	56	0	23	40	23	49	0	27	34	50
43	28	52	58	58	0	24	41	23	53	40	28	35	51
33	29	53	60	60	0	25	42	23	57	30	29	36	52
23	30	54	62	62	0	26	43	23	0	0	30	37	53

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BRONCHITIS,

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Opiates, Narcotics, and Squills, are too often invoked to give relief in Coughs, Colds, and all Pulmonary Diseases. Instead of such fallacious remedies, which yield momentary relief at the expense of enfeebling the digestive organs, and thus increase that debility which lies at the root of the malady, modern science points to CROSBY'S BALSAMIC COUGH ELIXIR as the true remedy.

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BRONCHITIS,
CONSUMPTION,
COUGHS AND COLDS,
INFLUENZA,

CONSUMPTIVE NIGHT
SWEATS,
DIFFICULTY OF BREATHING,
PAIN IN THE CHEST,
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OF THE
PLANETS' PLACES

For 1852.

(REVISED AND CORRECTED.)



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1882.

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PRINTED AND PUBLISHED BY THE AUTHOR.
1882.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/ "	° /	° /	° /	° /	° /	° /
1	16 17	0 8 31	11 N 10	2 8 32	8 N 12	1 N 2	15 8 53
4	16 17	0 31	11 10	2 8 2	8 13	1 3	16 1
7	16 17	0 31	11 10	2 31	8 15	1 3	16 9
10	16 17	0 31	11 10	2 30	8 17	1 4	16 17
13	16 17	0 31	11 10	2 29	8 19	1 4	16 24
16	16 17	0 30	11 11	2 28	8 22	1 5	16 31
19	16 16	0 30	11 11	2 27	8 25	1 5	16 37
22	16 16	0 30	11 12	2 26	8 28	1 5	16 43
25	16 16	0 30	11 13	2 25	8 32	1 5	16 49
28	16 15	0 30	11 14	2 25	8 35	1 6	16 54
31	16 15	0 30	11 15	2 24	8 40	1 6	16 59

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	° /
1	Th	18 41 12	10 17 18	2 23 S 3	1 8 39	5 S 7	7 N 15	0 8 29
2	F	18 45 9	11 19 11	22 59 13	53	4 43 11	30	0 8 29
3	S	18 49 5	12 20 20	22 53 26	22	4 6 15	22	0 29
4	S	18 53 2	13 21 29	22 47 9	10	3 16 18	37	0 28
5	M	18 56 59	14 22 37	22 41 22	18	2 14 21	0	0 28
6	Tu	19 0 55	15 23 45	22 34 55	46	1 3 22	17	0 28
7	W	19 4 52	16 24 53	22 27 19	33	0 N 13	22	15 0 28
8	Th	19 8 48	17 26 12	22 19 3	36	1 30 20	49	0 28
9	F	19 11 45	18 27 9	22 11 17	50	2 42 18	4	0 28
10	S	19 16 41	19 28 16	22 3 2	12	3 45 14	11	0 28
11	S	19 20 38	20 29 24	21 54 16	36	4 33 9	29	0 28
12	M	19 24 34	21 30 31	21 44 0	58	5 5 4	16	0 D 28
13	Tu	19 28 31	22 31 38	21 34 15	14	5 17 18	8	0 28
14	W	19 32 28	23 32 45	21 24 29	22	5 10 6	25	0 28
15	Th	19 36 24	24 33 51	21 14 13	20	4 45 11	19	0 28
16	F	19 40 21	25 34 58	21 2 27	7	4 3 15	35	0 29
17	S	19 44 17	26 36 4	20 51 10	41	3 9 18	57	0 29
18	S	19 48 14	27 37 10	20 39 24	3	2 5 21	15	0 29
19	M	19 52 10	28 38 15	20 27 7	13	0 55 22	21	0 30
20	Tu	19 56 7	29 39 20	20 14 20	9	0 S 16	22	13 0 30
21	W	20 0 3	0 40 24	20 1 2	53	1 26 20	55	0 31
22	Th	20 4 0	1 41 27	19 48 15	24	2 29 18	37	0 31
23	F	20 7 57	2 42 30	19 34 27	42	3 25 15	29	0 32
24	S	20 11 53	3 43 31	19 20 9	50	4 11 11	45	0 33
25	S	20 15 50	4 44 32	19 6 21	50	4 45 7	36	0 34
26	M	20 19 46	5 45 31	18 51 3	44	5 7 3	12	0 35
27	Tu	20 23 43	6 46 30	18 36 15	35	5 15 1	N 18	0 36
28	W	20 27 39	7 47 28	18 20 27	28	5 10 5	46	0 37
29	Th	20 31 36	8 48 22	18 4 9	28	4 51 10	3	0 38
30	F	20 35 33	9 49 17	17 48 21	39	4 19 14	1	0 39
31	S	20 39 29	10 50 10	17 32 4	5	3 35 17	23	0 41

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 N 52	20 N 55	1 S 35	21 S 1	1 N 24	20 S 25	17 30
4	3 58	21 15	1 37	20 9	2 19	19 57	17 21
7	4 6	21 35	1 39	19 10	3 1	19 43	17 11
10	4 11	21 56	1 39	18 7	3 21	19 43	17 2
13	4 17	22 18	1 39	17 0	3 20	19 54	16 52
16	4 20	22 40	1 38	15 48	3 4	20 14	16 43
19	4 24	23 1	1 37	14 33	2 39	20 39	16 33
22	4 26	23 22	1 35	13 14	2 9	21 4	16 24
25	4 28	23 41	1 32	11 52	1 38	21 27	16 14
28	4 28	23 58	1 28	10 27	1 6	21 45	16 4
31	4 29	24 14	1 24	8 59	0 37	21 54	15 55

D M	h	μ	♂	♀	♀	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♊	♋	♌	♍
	° /	° /	° /	° /	° /								
1	27 r 26	16 m 51	12 Ω 0	3 m 7	21 w 4	♀ P ♂		♊	♊			♋	♌
2	27 26 17	1 11 R 45	4 22 20	11			Δ			♊		♋	♌
3	27 27 17	11 11	30 5	37 19	8							♋	♌
4	27 27 17	21 11	15 6	51 17	58	♂ * ♀						♋	♌
5	27 28 17	31 10	59 8	5 16	41	♀ P ♀				*			
6	27 29 17	41 10	41 9	20 15	21	☉ ♂ ♀		♊	*				
7	27 30 17	50 10	23 10	35 14	1	♂ ♂ ♀	♊			Δ			♊
8	27 31 17	59 10	5 11	50 12	42			☐	☐		♊		
9	27 32 18	8 9	46 13	5 11	28	☉ * μ				☐		♊	
10	27 33 18	17 9	27 14	20 10	20	☉ P ♂	Δ	Δ					
11	27 34 18	26 9	8 15	35 9	20		Δ			*			Δ
12	27 35 18	35 8	46 16	50 8	28					*			
13	27 37 18	44 8	24 18	4 7	46						*	Δ	☐
14	27 38 18	53 8	2 19	19 7	14	μ ☐ ♀	☐	♊	♊		♊		*
15	27 40 19	2 7	40 20	34 6	15						♊	☐	*
16	27 42 19	11 7	18 21	48 6	37	♀ ∠ ♀	*					☐	
17	27 44 19	19 6	55 23	3 6	33							Δ	*
18	27 46 19	28 6	32 24	17 6	D 38	☉ ☐ h			Δ			*	
19	27 48 19	36 6	8 25	31 6	48			Δ		*			♊
20	27 50 19	44 5	45 26	46 7	7					*			
21	27 53 19	52 5	22 28	0 7	31	☉ ☐ μ	♊	☐	☐		♊		
22	27 55 20	0 4	58 29	14 8	3						☐		
23	27 58 20	8 4	33 0	* 29	8	39 μ * ♀		*	*			♊	
24	28 1 20	16 4	8 1	43 9	21								*
25	28 4 20	23 3	44 2	57 10	6					Δ			
26	28 7 20	30 3	19 4	12 10	56	♀ P μ	*					Δ	
27	28 10 20	37 2	55 5	26 11	49								☐
28	28 13 20	44 2	32 6	40 12	46			♊	♊			☐	
29	28 16 20	51 2	9 7	54 13	46			☐				*	Δ
30	28 19 20	58 1	46 9	8 14	48					♊		*	
31	28 22 21	4 1	23 10	22 15	53						*		

FEBRUARY XXIX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16 15	08 30	11 N 16	28 24	8 N 41	1 N 6	17 8 0
4	16 14	0 29	11 17	2 23	8 46	1 7	17 5
7	16 14	0 29	11 19	2 22	8 51	1 7	17 9
10	16 13	0 29	11 21	2 21	8 56	1 7	17 12
13	16 13	0 29	11 22	2 21	9 1	1 7	17 16
16	16 12	0 29	11 24	2 20	9 7	1 8	17 18
19	16 12	0 29	11 27	2 19	9 13	1 8	17 21
22	16 11	0 29	11 29	2 18	9 19	1 9	17 23
25	16 10	0 29	11 31	2 18	9 25	1 10	17 24
28	16 10	0 29	11 34	2 17	9 32	1 10	17 25

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♂ Long. ° ' "	♂ Lat. ° ' "	♂ Declin. ° ' "	♂ Long. ° ' "
1	S	20 43 26	11 51	2 17 S 15	16 11 52	28 38	20 N 11	0 43
2	M	20 47 23	12 51	52 16	58 0 2	1 32	21 55	0 43
3	Tu	20 51 19	13 52	42 16	40 13 37	0 19	22 27	0 44
4	W	20 55 15	14 53	29 16	23 27 37	0 N 58	21 36	0 45
5	Th	20 59 12	15 54	16 16	5 12 21	2 12	19 19	0 46
6	F	21 3 8	16 55	2 15	47 26 42	3 20	15 45	0 47
7	S	21 7 5	17 55	46 15	28 11 33	4 15	11 10	0 49
8	S	21 11 1	18 56	29 15	9 26 26	4 52	5 53	0 50
9	M	21 14 58	19 57	11 14	50 11 13	5 10	0 19	0 52
10	Tu	21 18 55	20 57	51 14	31 25 48	5 8	5 12	0 54
11	W	21 22 51	21 58	31 14	12 10 5	4 46	10 19	0 56
12	Th	21 26 48	22 59	9 13	52 24	2 4	8 14	0 58
13	F	21 30 44	23 59	47 13	32 7 39	3 17	18 22	1 0
14	S	21 34 41	25 0	23 13	12 20 58	2 15	20 54	1 1
15	S	21 38 37	26 0	58 12	51 3 39	1 9	22 15	1 3
16	M	21 42 34	27 1	31 12	31 16 47	0 S 0	22 25	1 5
17	Tu	21 46 30	28 2	4 12	10 29 22	1 8	21 25	1 7
18	W	21 50 27	29 2	35 11	49 11 47	2 12	19 22	1 9
19	Th	21 54 24	0 3	4 11	28 24 3	3 8	16 28	1 11
20	F	21 58 20	1 3	32 11	6 6 11	3 55	12 53	1 13
21	S	22 2 17	2 3	58 10	45 18 13	4 31	8 49	1 15
22	S	22 6 13	3 4	23 10	23 0 9	4 55	4 27	1 17
23	M	22 10 10	4 4	45 10	1 12 2	5 6	0 N 4	1 19
24	Tu	22 14 6	5 5	6 9	39 23 53	5 4	4 34	1 21
25	W	22 18 3	6 5	25 9	17 5 45	4 48	8 55	1 24
26	Th	22 21 59	7 5	42 8	55 17 43	4 21	12 57	1 26
27	F	22 25 56	8 5	56 8	32 29 50	3 41	16 32	1 29
28	S	22 29 53	9 6	9 8	10 12 12	2 50	19 28	1 31
29	S	22 33 49	10 6	20 7	47 24 52	1 49	21 32	1 34

1852.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

5

FEBRUARY XXIX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	4 N 28	24 N 19	1 S 23	8 S 30	0 N 27	21 S 56	15 52
4	4 26	24 31	1 18	7 . 0	0 S 1	21 54	15 42
7	4 24	24 42	1 12	5 28	0 26	21 41	15 33
10	4 20	24 50	1 6	3 55	0 49	21 18	15 23
13	4 16	24 56	0 59	2 22	1 9	20 43	15 14
16	4 12	25 0	0 52	0 47	1 27	19 57	15 4
19	4 7	25 3	0 44	0 N 17	1 42	18 59	14 55
22	4 1	25 3	0 35	2 22	1 54	17 49	14 45
25	3 55	25 1	0 26	3 56	2 2	16 27	14 35
28	3 50	24 58	0 16	5 29	2 8	14 54	14 26

D M	h		♃		♄		♀		♅		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
1	28 r 25	21 m 11	1 Ω 0	11 x 35	17 v 1	♀ P h	Δ										☐
2	28 29 21	17 0 B 38	12 49	18 10	10 h ☐ δ		*	*									
3	28 33 21	23 0 16	14 3	19 20													Δ δ
4	28 37 21	29 29 55	15 17	20 34								☐	☐	Δ	♂		
5	28 41 21	35 29 34	16 31	21 40	♃ * ♅	♅											
6	28 44 21	41 29 14	17 45	23 5								Δ	Δ	☐			
7	28 48 21	46 28 54	18 58	24 23	h ☐ δ												
8	28 52 21	51 28 35	20 12	25 42											*	*	♂ Δ
9	28 57 21	56 28 16	21 26	27 3	♃ Δ ♅												
10	29 1 22	1 27 58	22 39	28 24	h ☐ ♅	Δ	♅	♅							☐		☐
11	29 6 22	6 27 41	23 53	29 47	☉ ☐ ♃												
12	29 10 22	11 27 25	25 6	1 m 12	h ☐ ♅	☐									♂	Δ	Δ *
13	29 14 22	16 27 9	26 19	2 36													
14	29 19 22	20 26 54	27 33	4 2	♄ Δ ♅	*											
15	29 24 22	24 26 40	28 46	5 30								Δ	Δ				☐
16	29 28 22	28 26 26	29 59	6 59											*		
17	29 33 22	32 26 12	1 r 13	8 29								☐	☐		♂	*	
18	29 38 22	36 26 1	2 26	9 59													♂
19	29 43 22	39 25 49	3 39	11 29	☉ * h									*	☐		
20	29 48 22	42 25 39	4 52	13 1	☉ * h	♅	♅	*				♅	*				
21	29 54 22	45 25 30	6 5	14 35											Δ		
22	29 59 22	48 25 21	7 17	16 10												Δ	
23	0 4 22	51 25 13	8 30	17 46	♀ P ♃											♂	
24	0 9 22	54 25 6	9 43	19 22												☐	*
25	0 15 22	57 24 59	10 55	20 50	☉ P h	*	♅	♅									
26	0 20 22	50 24 53	12 8	22 37	♃ ☐ ♅										♅		☐
27	0 25 23	1 24 48	13 20	24 16												*	
28	0 31 23	3 24 44	14 32	25 56								☐				*	
29	0 37 23	4 24 40	15 45	27 37	☉ ☐ δ									*			Δ

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'	
1	16	9	0 8	29	11 N	35	2 8	16	9 8 26
4	16	8	0	29	11	38	2	16	9 43
7	16	8	0	29	11	41	2	15	9 50
10	16	7	0	28	11	44	2	15	9 57
13	16	6	0	28	11	47	2	15	10 4
16	16	5	0	28	11	50	2	14	10 11
19	16	4	0	28	11	53	2	14	10 18
22	16	4	0	28	11	56	2	13	10 26
25	16	3	0	28	11	59	2	13	10 33
28	16	2	0	28	12	3	2	13	10 41
31	16	1	0	28	12	6	2	12	10 49

D M	D W	Sidereal Time.	☉		☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	°	'	"	°	'	°	'
1	M	22 37 46	11	8	28	7 8	24	7 56	0 8 41
2	Tu	22 41 42	12	6	35	7	1 21	27	0 N 31
3	W	22 45 39	13	6	39	6	38	5 27	1 44 20
4	Th	22 49 35	14	6	41	6	15	19 56	2 52 17
5	F	22 53 32	15	6	42	5	52	4 m 49	3 51 13
6	S	22 57 28	16	6	40	5	29	19 58	4 35 8
7	S	23 1 25	17	6	37	5	6	5 13	4 59 2
8	M	23 5 22	18	6	32	4	42	20 24	5 2 38
9	Tu	23 9 18	19	6	25	4	19	5 m 20	4 45 8
10	W	23 13 15	20	6	16	3	55	19 54	4 9 13
11	Th	23 17 11	21	6	6	3	32	4 7 2	3 19 17
12	F	23 21 8	22	5	54	3	8	17 43	2 18 20
13	S	23 25 4	23	5	40	2	45	0 w 59	1 12 22
14	S	23 29 1	24	5	24	2	21	13 53	0 4 22
15	M	23 32 57	25	5	7	1	57	26 29	1 8 2 21
16	Tu	23 36 54	26	4	48	1	34	8 m 51	2 5 20
17	W	23 40 51	27	4	27	1	10	21 3	3 0 17
18	Th	23 44 47	28	4	5	0	46	3 7	3 47 13
19	F	23 48 44	29	3	40	0	22	15 5	4 23 9
20	S	23 52 40	0 r	3	14	0 N	1 27	0 4	4 47 5
21	S	23 56 37	1	2	46	0	25	8 r 53	4 59 1
22	M	0 0 33	2	2	15	0	49	20 45	4 58 3
23	Tu	0 4 30	3	1	42	1	12	2 38	4 43 7
24	W	0 8 26	4	1	8	1	36	14 33	4 17 12
25	Th	0 12 23	5	0	31	1	59	26 32	3 39 15
26	F	0 16 19	5	59	51	2	23	8 40	2 50 18
27	S	0 20 16	6	59	9	2	47	21 0	1 53 21
28	S	0 24 13	7	58	25	3	10	3 37	0 49 22
29	M	0 28 9	8	57	39	3	33	16 34	0 N 20
30	Tu	0 32 6	9	56	50	3	57	29 57	1 29 21
31	W	0 36 2	10	55	59	4	20	13 49	2 36 19

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 N 46	24 N 55	0 S 10	6 N 31	2 S 10	13 S 44	14 20
4	3 39	24 50	0 N 0	8 2	2 9	11 51	14 10
7	3 34	24 44	0 11	9 32	2 3	9 45	14 1
10	3 28	24 36	0 21	11 0	1 54	7 28	13 51
13	3 22	24 27	0 32	12 25	1 39	5 0	13 42
16	3 16	24 17	0 42	13 49	1 20	2 22	13 32
19	3 10	24 6	0 54	15 9	0 56	0 N 23	13 23
22	3 4	23 54	1 5	16 26	0 27	3 13	13 13
25	2 59	23 42	1 16	17 40	0 N 6	6 4	13 4
28	2 52	23 28	1 27	18 50	0 40	8 50	12 54
31	2 48	23 13	1 38	19 56	1 16	11 24	12 45

D M	♂		♀		♂		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	♂	♀	♂	♀	♂
	° /	° /	° /	° /	° /	° /		°	♂	♀	♂	♀	♂
1	0 5 43	23 31	6 24 53	38 16	7 57 29	20 23	♂ ♀	Δ	*				
2	0 49 23	7 24 36	18 9 1	3 1	3 3	3	♂ ♀				Δ	♂	♀
3	0 55 23	8 24 35	19 21 2	48 3	4	33		□	□				
4	1 1 23	9 24 35	20 32 4	33 5	1	7 23	♀ ♂	Δ	Δ				♂
6	1 13 23	10 24 37	22 56 8	7 7	0 2 2	7	♂ ♀	♂			*	*	
7	1 20 23	11 24 38	24 8 9	57 9	57	♂ ♀							
8	1 26 23	11 24 40	25 20 11	47 3	47							♂	♂
9	1 32 23	11 24 43	26 31 13	38 4	38			♂	♂				
10	1 38 23	11 24 47	27 42 15	31 5	31			Δ			♂	Δ	Δ
11	1 45 23	10 24 52	28 54 17	23 6	23	♂ ♀							
12	1 51 23	10 24 57	0 8 5	19 18	18			□					□
13	1 58 23	9 25 3	1 16 21	14 11	14	♂ ♀			Δ	Δ			
14	2 4 23	8 25 10	2 27 23	11 9	11	♂ ♀						Δ	
15	2 11 23	7 25 17	3 38 25	9 6	9	♂ ♀		*	□	□	*	♂	*
16	2 18 23	6 25 25	4 48 27	7 6	7	♂ ♀							□
17	2 24 23	5 25 33	5 59 29	6 6	6							□	
18	2 31 23	3 25 42	7 10 1	6 6	6	♂ ♀		*	*				*
19	2 38 23	1 25 52	8 20 3	7 7	7								
20	2 45 22	59 26	2 9 31	5 7	7			♂			Δ	Δ	
21	2 52 22	57 26	13 10 41	7 9	9								♂
22	2 58 22	55 26	24 11 51	9 11	11							□	
23	3 5 22	52 26	36 13 1	11 11	11				♂	♂			
24	3 12 22	49 26	48 14 11	13 11	13	♀ ♀					♂		
25	3 20 22	46 27	1 15 21	15 11	11						♂	*	
26	3 27 22	43 27	15 16 31	17 9	9			*					
27	3 34 22	40 27	29 17 40	19 6	6								*
28	3 42 22	36 27	43 18 49	21 1	1	♂ ♀		□	*	*			
29	3 49 22	32 27	58 19 58	22 53	53						Δ		*
30	3 56 22	28 28	13 21 7	24 42	42				□	□		♂	□
31	4 3 22	24 28	29 22 16	26 29	29	♂ ♀		Δ					

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08 28	12 N 7	28 12	10 N 51	1 N 15	17 S 10
4	16	0	0 28	12 10	2 12	10 59	1 15	17 7
7	15	59	0 28	12 14	2 11	11 7	1 15	17 3
10	15	59	0 28	12 17	2 11	11 14	1 15	16 58
13	15	58	0 28	12 21	2 11	11 22	1 15	16 54
16	15	57	0 28	12 24	2 11	11 30	1 15	16 49
19	15	56	0 28	12 28	2 11	11 37	1 15	16 43
22	15	55	0 28	12 31	2 10	11 45	1 15	16 38
25	15	55	0 28	12 35	2 10	11 53	1 15	16 32
28	15	54	0 28	12 38	2 10	12 0	1 15	16 27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	0 39 59	11 55 6	4 N 43	28 9	3 N 35	15 N 29	3 8 6
2	F	0 43 55	12 54 10	5 6 12	25 57	4 21 10	43 3	9
3	S	0 47 52	13 53 12	5 28 28	6 4 51	5 12 3	13 3	13
4	S	0 51 48	14 52 13	5 51 13	26 5	0 08 42	3 16	3
5	M	0 55 45	15 51 11	6 15 28	47 4 48	6 34 3	19 3	19
6	Tu	0 59 42	16 50 7	6 37 13	55 4 15	11 58 3	22 3	22
7	W	1 3 38	17 49 1	7 02 43	3 26 16	11 32 3	26 3	26
8	Th	1 7 35	18 47 54	7 22 13	4 2 25	19 59 3	29 3	29
9	F	1 11 31	19 46 44	7 45 26	54 1 17	22 8 3	32 3	32
10	S	1 15 28	20 45 33	8 7 10	17 0 7	22 56 3	36 3	36
11	S	1 19 24	21 44 21	8 29 23	13 1 8	1 22 27	39 3	39
12	M	1 23 21	22 43 6	8 51 5	48 2 4	20 50 3	42 3	42
13	Tu	1 27 17	23 41 50	9 12 18	6 3 0	18 16 3	46 3	46
14	W	1 31 14	24 40 32	9 33 0	13 3 47	14 56 3	49 3	49
15	Th	1 35 11	25 39 12	9 55 12	10 4 23	11 3 3	53 3	53
16	F	1 39 7	26 37 51	10 17 24	4 4 47	6 45 3	56 3	56
17	S	1 43 4	27 36 28	10 38 5	55 4 59	2 14 4	0 4	0
18	S	1 47 0	28 35 3	10 59 17	47 4 58	2 N 23	4 3	3
19	M	1 50 57	29 33 36	11 20 29	40 4 44	6 56 4	7 4	7
20	Tu	1 54 53	0 32 8	11 40 11	37 4 18	11 14 4	10 4	10
21	W	1 58 50	1 30 37	12 0 23	38 3 40	15 9 4	14 4	14
22	Th	2 2 46	2 29 4	12 20 5	45 2 51	18 28 4	17 4	17
23	F	2 6 43	3 27 29	12 41 18	1 1 54	21 1 4	21 4	21
24	S	2 10 40	4 25 53	13 0 0	27 0 51	22 37 4	25 4	25
25	S	2 14 36	5 24 14	13 20 13	7 0 N 17	23 5 4	28 4	28
26	M	2 18 33	6 22 33	13 39 26	5 1 25	22 20 4	32 4	32
27	Tu	2 22 29	7 20 49	13 58 9	24 2 30	20 19 4	35 4	35
28	W	2 26 26	8 19 4	14 17 23	8 3 29	17 6 4	38 4	38
29	Th	2 30 22	9 17 17	14 36 7	16 4 17	12 49 4	42 4	42
30	F	2 34 19	10 15 28	14 51 21	50 4 50	7 41 4	45 4	45

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 46	23 N 8	1 N 41	20 N 17	1 N 27	12 N 12	12 54 1
4	2 41	22 52	1 52	21 17	1 59	14 22	12 31
7	2 36	22 36	2 2	22 12	2 27	16 9	12 22
10	2 31	22 18	2 12	23 3	2 47	17 30	12 12
13	2 26	21 59	2 21	23 48	2 58	18 24	12 3
16	2 21	21 40	2 29	24 28	2 59	18 49	11 53
19	2 16	21 19	2 37	25 3	2 48	18 47	11 44
22	2 12	20 58	2 44	25 33	2 24	18 17	11 34
25	2 8	20 35	2 51	25 56	1 50	17 23	11 25
28	2 4	20 12	2 57	26 15	1 5	16 10	11 15

D M	h	Long.	♈	Long.	♉	Long.	♊	Long.	♋	Long.	Mutual Aspts.	Lunar Aspects.						
												☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /								
1	4 8	10 22	m 20	28 54	25 23	28 12	25 23	28 12	25 23	28 12	♈ ☉ ♈		Δ	Δ	□		□	Δ
2	4 17	22 22	♈ 16	29 24	24 34	29 51	24 34	29 51	24 34	29 51	♈ ☉ ♈						□	Δ
3	4 24	22 12	29 19	25 42	25 18	26 18	25 42	25 18	26 18	25 18	♈ ☉ ♈				*	*	Δ	
4	4 32	22 7	29 36	26 50	26 50	2 56	26 50	2 56	26 50	2 56	♈ ☉ ♈	♈				*		
5	4 39	22 2	29 54	27 58	27 58	4 21	27 58	4 21	27 58	4 21	♈ ☉ ♈	♈	♈			□		♈
6	4 47	21 57	0 12	29 6	5 41	5 41	5 41	5 41	5 41	5 41	♈ * ♈					♈	Δ	♈
7	4 55	21 52	0 31	0 18	6 56	6 56	6 56	6 56	6 56	6 56	♈ * ♈	Δ				♈	Δ	♈
8	5 2	21 47	0 50	1 21	8 5	8 5	8 5	8 5	8 5	8 5	♈ * ♈	Δ				♈	Δ	♈
9	5 10	21 42	1 9	2 28	9 9	9 9	9 9	9 9	9 9	9 9	♈ * ♈	Δ						
10	5 17	21 37	1 29	3 35	10 6	10 6	10 6	10 6	10 6	10 6	♈ * ♈		Δ					Δ
11	5 25	21 31	1 49	4 42	10 58	10 58	10 58	10 58	10 58	10 58		□			*			
12	5 32	21 25	2 9	5 49	11 44	11 44	11 44	11 44	11 44	11 44		□	□	□		♈	Δ	□
13	5 40	21 19	2 31	6 58	12 23	12 23	12 23	12 23	12 23	12 23			□	□	□			□
14	5 47	21 13	2 52	8 2	12 56	12 56	12 56	12 56	12 56	12 56		*	*	*				*
15	5 55	21 7	3 13	9 8	13 24	13 24	13 24	13 24	13 24	13 24							□	*
16	6 3	21 1	3 35	10 14	13 45	13 45	13 45	13 45	13 45	13 45					Δ			
17	6 10	20 55	3 57	11 20	14 0	14 0	14 0	14 0	14 0	14 0	♈ ☉ ♈					Δ		
18	6 18	20 48	4 19	12 26	14 9	14 9	14 9	14 9	14 9	14 9	♈ ☉ ♈						*	
19	6 26	20 41	4 42	13 31	14 12	14 12	14 12	14 12	14 12	14 12	♈ ☉ ♈	♈	♈			□		♈
20	6 34	20 34	5 14	14 36	14 9	14 9	14 9	14 9	14 9	14 9	♈ ☉ ♈	♈	♈	♈				♈
21	6 41	20 27	5 28	15 41	14 0	14 0	14 0	14 0	14 0	14 0						♈		
22	6 49	20 20	5 52	16 46	13 46	13 46	13 46	13 46	13 46	13 46						*		
23	6 56	20 13	6 16	17 50	13 28	13 28	13 28	13 28	13 28	13 28	♈ ☉ ♈		*	*			♈	
24	7 4	20 6	6 40	18 55	13 5	13 5	13 5	13 5	13 5	13 5	♈ ☉ ♈	*	*	*				*
25	7 12	19 59	7 4	19 58	12 38	12 38	12 38	12 38	12 38	12 38	♈ ☉ ♈			*				*
26	7 19	19 52	7 29	21 2	12 7	12 7	12 7	12 7	12 7	12 7					Δ			
27	7 27	19 45	7 54	22 5	11 33	11 33	11 33	11 33	11 33	11 33	♈ ☉ ♈	♈	♈	♈		♈		□
28	7 35	19 38	8 19	23 8	10 58	10 58	10 58	10 58	10 58	10 58	♈ ☉ ♈	Δ	Δ	Δ		□	*	Δ
29	7 42	19 31	8 44	24 11	10 20	10 20	10 20	10 20	10 20	10 20	♈ ☉ ♈	Δ	Δ	Δ		*		Δ
30	7 50	19 23	9 10	25 13	9 42	9 42	9 42	9 42	9 42	9 42	♈ ☉ ♈				*		□	

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	0 8 28	12 N 42	2 8 10	12 N 8	1 N 15	16 S 21
4	15	52	0 28	12 45	2 10	12 15	1 15	16 15
7	15	51	0 28	12 49	2 10	12 22	1 15	16 9
10	15	51	0 28	12 52	2 10	12 29	1 15	16 3
13	15	50	0 28	12 56	2 10	12 37	1 15	15 56
16	15	49	0 28	12 59	2 10	12 44	1 14	15 50
19	15	49	0 28	13 2	2 10	12 50	1 14	15 44
22	15	48	0 28	13 5	2 11	12 57	1 14	15 39
25	15	48	0 28	13 8	2 11	13 4	1 13	15 33
28	15	47	0 28	13 11	2 11	13 10	1 13	15 28
31	15	47	0 28	13 14	2 11	13 17	1 12	15 23
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	S	2 38 15	11 8 13 37	15 N 13	6 43	5 N 4	1 N 59	4 8 48
2	S	2 42 12	12 11 44	15 30 21	51	4 58	3 8 55	4 51
3	M	2 46 9	13 9 49	15 48	7 m 2	4 30	9 37	4 55
4	Tu	2 50 5	14 7 52	16 6 22	7	3 44	14 42	4 59
5	W	2 54 2	15 5 54	16 23 6	7 56	2 44	18 47	5 2
6	Th	2 57 58	16 3 55	16 40 21	21	1 34	21 37	5 6
7	F	3 1 55	17 1 53	16 56 5	18	0 21	23 0	5 9
8	S	3 5 52	17 59 51	17 12 18	48	0 8	52 22	5 12
9	S	3 9 48	18 57 47	17 28 1	50	1 59	21 42	5 16
10	M	3 13 44	19 55 42	17 44 14	30	2 58	19 20	5 19
11	Tu	3 17 41	20 53 35	18 0 26	51	3 48	16 9	5 22
12	W	3 21 38	21 51 28	18 15 8	57	4 26	12 20	5 26
13	Th	3 25 34	22 49 19	18 30 20	55	4 53	8 5	5 29
14	F	3 29 31	23 47 9	18 44 2	47	5 6	3 34	5 32
15	S	3 33 27	24 44 58	18 58 14	38	5 6	1 N 4	5 36
16	S	3 37 24	25 42 45	19 12 26	31	4 53	5 41	5 39
17	M	3 41 20	26 40 31	19 26 8	28	4 28	10 7	5 42
18	Tu	3 45 17	27 38 16	19 39 20	31	3 50	14 12	5 46
19	W	3 49 13	28 36 0	19 52 2	42	3 11	17 46	5 49
20	Th	3 53 10	29 33 42	20 4 15	2	2 32	20 35	5 52
21	F	3 57 7	0 31 23	20 17 27	31	0 58	22 28	5 55
22	S	4 1 3	1 29 3	20 28 10	5 12	0 N 10	23 14	5 58
23	S	4 5 0	2 26 41	20 40 23	6	1 20	22 47	6 2
24	M	4 8 56	3 24 18	20 51 6	14	2 26	21 6	6 5
25	Tu	4 12 53	4 21 53	21 2 19	39	3 27	18 12	6 8
26	W	4 16 49	5 19 26	21 12 3	22	4 16	14 15	6 11
27	Th	4 20 46	6 16 59	21 22 17	23	4 52	9 28	6 14
28	F	4 24 42	7 14 29	21 32 1	43	5 10	4 4	6 17
29	S	4 28 39	8 11 59	21 41 16	17	5 9	1 8 39	6 20
30	S	4 32 36	9 9 27	21 50 1	2	4 48	7 20	6 23
31	M	4 36 32	10 6 54	21 59 15	51	4 8	12 38	6 26

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 0	19 N 48	3 N 3	26 N 27	0 N 15	14 N 46	11 56
4	1 56	19 22	3 7	26 34	0 8 37	13 22	10 56
7	1 52	18 56	3 9	26 36	1 26	12 6	10 47
10	1 48	18 29	3 10	26 32	2 9	11 7	10 37
13	1 44	18 1	3 11	26 23	2 43	10 28	10 28
16	1 41	17 32	3 10	26 10	3 9	10 13	10 18
19	1 38	17 2	3 7	25 52	3 26	10 17	10 9
22	1 34	16 31	3 3	25 29	3 34	10 43	9 59
25	1 31	15 59	2 58	25 3	3 35	11 24	9 50
28	1 27	15 26	2 49	24 32	3 29	12 21	9 40
31	1 24	14 52	2 39	23 59	3 17	13 31	9 31

D M	♄	♃	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♄	♃	♂	♀	♂
	° /	° /	° /	° /	° /								
1	7 58	19 15	9 35	26 15	9 8 3	☉ ♄ ♀					*		
2	8 5	19 7	10 1	27 17	8 25	♄ ☉ ♀						Δ	
3	8 13	19 0	10 28	28 19	7 49		♄	♄	♄		□		♄
4	8 21	18 52	10 55	29 20	7 14					♄			
5	8 28	18 44	11 22	0 20	6 41	♄ P ♄					Δ		
6	8 36	18 37	11 48	1 20	6 11								
7	8 44	18 29	12 16	2 20	5 44		Δ	Δ				♄	Δ
8	8 51	18 22	12 43	3 20	5 21	☉ ♄ ♄	Δ			*			
9	8 59	18 14	13 10	4 19	5 3			□					□
10	9 7	18 6	13 38	5 18	4 48	♄ * ♀	□		□	□	♄		
11	9 14	17 58	14 6	6 16	4 37								
12	9 22	17 51	14 33	7 14	4 32		*	*				Δ	*
13	9 30	17 43	15 2	8 12	4 30		*			Δ			
14	9 37	17 35	15 30	9 9	4 34								
15	9 45	17 28	15 58	10 5	4 42	♄ * ♀					Δ	□	
16	9 52	17 21	16 27	11 1	4 55			♄	♄			*	♄
17	10 0	17 13	16 56	11 57	5 11	♄ □ ♄				♄	□		
18	10 7	17 5	17 25	12 52	5 32		♄			♄			
19	10 15	16 58	17 55	13 47	5 58						*		
20	10 22	16 50	18 24	14 41	6 28	♄ ☉ ♀							
21	10 30	16 43	18 54	15 34	7 8	☉ ♄ ♀							
22	10 37	16 36	19 24	16 27	7 40	♄ Δ ♀		*	*	Δ			*
23	10 45	16 29	19 54	17 19	8 21							♄	
24	10 52	16 22	20 24	18 10	9 7		*	□	□				□
25	10 59	16 15	20 54	19 1	9 55					□	♄		
26	11 7	16 8	21 24	19 51	10 49	♄ ☉ ♀	□	Δ				*	Δ
27	11 14	16 1	21 55	20 40	11 45				Δ	*		*	Δ
28	11 21	15 55	22 26	21 29	12 44		Δ						
29	11 28	15 48	22 56	22 17	13 47	♄ P ♄					*	□	
30	11 35	15 42	23 27	23 4	14 53			♄					
31	11 42	15 36	23 58	23 50	16 1	♄ ♄ ♀		♄	♄				♄

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	47	08 28	13 N15	28 11	13 N19	1 N12	15 S21
4	15	47	0 28	13 18	2 12	13 25	1 11	15 16
7	15	46	0 28	13 21	2 12	13 31	1 10	15 13
10	15	46	0 28	13 24	2 12	13 37	1 9	15 8
13	15	46	0 28	13 26	2 13	13 42	1 9	15 4
16	15	46	0 28	13 29	2 13	13 48	1 8	15 1
19	15	45	0 28	13 31	2 13	13 53	1 8	14 53
22	15	45	0 28	13 34	2 14	13 58	1 7	14 56
25	15	45	0 28	13 36	2 14	14 3	1 6	14 54
28	15	45	0 28	13 38	2 14	14 8	1 6	14 52

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	4 40 29	11 11 4 20	22 N 7	0 7 36	3 N11	17 S 11	6 8 30
2	W	4 44 25	12 1 45 22	15 15 10	2 2 20	37	6 33	
3	Th	4 48 22	12 59 9 22	22 29 26	0 47 22	40	6 36	
4	F	4 52 18	13 56 32 22	29 13 20	08 29 23	16	6 39	
5	S	4 56 15	14 53 55 22	36 26 50	1 42 22	28	6 42	
6	S	5 0 11	15 51 16 22	42 9 55	2 47 20	27	6 45	
7	M	5 4 8	16 48 37 22	48 22 39	3 41 17	28	6 48	
8	Tu	5 8 5	17 45 58 22	54 5 3	4 24 13	46	6 51	
9	W	5 12 1	18 43 18 22	59 17 13	4 55 9	34	6 54	
10	Th	5 15 58	19 40 38 23	3 29 13	5 11 5	4	6 56	
11	F	5 19 54	20 37 57 23	8 11 7	6 5 15	0 26	6 59	
12	S	5 23 51	21 35 16 23	11 22 59	5 5 4	N13	7 2	
13	S	5 27 47	22 32 34 23	15 4 54	4 41 8	45	7 4	
14	M	5 31 44	23 29 53 23	18 16 55	4 6 12	59	7 7	
15	Tu	5 35 40	24 27 10 23	20 29 6	3 18 16	45	7 9	
16	W	5 39 37	25 24 28 23	23 11 27	2 21 19	51	7 11	
17	Th	5 43 34	26 21 44 23	24 24 1	1 16 22	3	7 13	
18	F	5 47 30	27 19 1 23	26 6 549	0 6 23	11	7 16	
19	S	5 51 27	28 16 16 23	27 19 50	1 N 6 23	4	7 19	
20	S	5 55 23	29 13 32 23	27 3 2 6	2 15 21	40	7 21	
21	M	5 59 20	0 5 10 46 23	27 16 84	3 18 19	2	7 24	
22	Tu	6 3 16	1 8 0 23	27 0 16	4 11 15	18	7 26	
23	W	6 7 13	2 5 14 23	27 14 9	4 50 10	42	7 28	
24	Th	6 11 9	3 2 27 23	25 28 12	5 12 5	29	7 31	
25	F	6 15 6	3 59 39 23	24 12 25	5 16 08	4	7 33	
26	S	6 19 3	4 56 51 23	22 26 44	5 0 5	89	7 35	
27	S	6 22 59	5 54 3 23	20 11 7	4 25 10	58	7 38	
28	M	6 26 56	6 51 14 23	17 25 30	3 34 15	41	7 40	
29	Tu	6 30 52	7 48 24 23	14 9 47	2 30 19	28	7 42	
30	W	6 34 49	8 45 35 23	10 23 56	1 17 22	2	7 44	

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JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	1 N 23	14 N 41	2 N 36	23 N 48	3 S 10	18 N 57	9 27
4	1 20	14 6	2 24	23 11	2 51	15 19	9 18
7	1 17	13 30	2 9	22 32	2 26	16 47	9 8
10	1 14	12 54	1 52	21 52	1 56	18 19	8 59
13	1 11	12 17	1 32	21 10	1 25	19 50	8 49
16	1 8	11 39	1 9	20 28	0 51	21 13	8 40
19	1 5	11 0	0 44	19 46	0 18	22 32	8 30
22	1 2	10 21	0 15	19 4	0 N 16	23 33	8 21
25	1 0	9 40	0 S 17	18 24	0 46	24 14	8 11
28	0 57	8 59	0 51	17 46	1 12	24 31	8 2

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	11 8 49	15 29	24 29	24 35	17 8 14							☐	Δ
2	11 56	15 23	25 0	25 20	18 28	♁ P ♁	♁						
3	12 3 15	17 25	32 26	4 19	47							Δ	
4	12 10 15	11 26	4 26	46 21	7	♁ P ♄		Δ	Δ	*			
5	12 17 15	5 26	35 27	27 22	31							♁	Δ
6	12 24 14	59 27	7 28	7 23	57			☐	☐	☐			
7	12 31 14	54 27	39 28	46 25	27	♁ P ♈	Δ	*				♁	☐
8	12 38 14	48 28	11 29	24 26	59			*					
9	12 44 14	43 28	43 0	2 128	34	♁ ☐ ♁	☐		*	Δ			
10	12 51 14	38 29	16 0	37 0	12	♀ * ♁						Δ	*
11	12 58 14	33 29	48 1	11 1	53								
12	13 5 14	28 0	20 1	44 3	36	☉ ∠ ♈	*						
13	13 11 14	25 0	53 2	16 5	23			♈				Δ	☐
14	13 17 14	18 1	25 2	47 7	11			♈	♈				
15	13 23 14	14 1	58 3	17 9	2	♁ P ♁						☐	*
16	13 30 14	10 2	31 3	44 10	56			♈					♈
17	13 36 14	6 3	5 4	9 12	52			♈					
18	13 42 14	2 3	38 4	33 14	51			*				*	
19	13 49 13	58 4	12 4	55 16	51				*	Δ			
20	13 55 13	54 4	45 5	15 18	55	♈ ♁ ♄		☐				♈	
21	14 1 13	51 5	18 5	34 21	0					☐	☐		*
22	14 7 13	48 5	52 5	52 23	6	♈ ∠ ♁	*					♈	
23	14 14 13	45 6	25 6	6 25	14			Δ	Δ	*			
24	14 20 13	42 7	0 6	19 27	23			☐					☐
25	14 26 13	39 7	34 6	30 29	33	♈ Δ ♁						*	
26	14 32 13	36 8	8 6	39 1	43			Δ	♈	♈	♈	*	☐
27	14 38 13	33 8	42 6	45 3	54								
28	14 42 13	31 9	16 6	50 6	5								
29	14 48 13	29 9	50 6	52 8	16	♈ * ♁						☐	Δ
30	14 53 13	27 10	24 6	51 10	25	♁ * ♁							

JULY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	08	28	28	15	1 N 5	148 51
4	15	45	0	28	2	16	1 4	14 51
7	15	45	0	28	2	16	1 3	14 51
10	15	45	0	28	2	17	1 3	14 51
13	15	45	0	28	2	17	1 2	14 52
16	15	46	0	28	2	17	1 1	14 54
19	15	46	0	28	2	18	1 0	14 56
22	15	46	0	28	2	18	0 59	14 58
25	15	46	0	28	2	19	0 59	15 1
28	15	47	0	28	2	19	0 58	15 5
31	15	47	0	28	2	20	0 58	15 8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	6 38 45	9 ⁵⁵ 42 45	23 N 6	7 ¹⁷ 52	0 N 0	23 S 13	7 5 46
2	F	6 42 42	10 39 56	23	21 31	18 15	22 58	7 48
3	S	6 46 39	11 37 6	22 57	4 ^m 51	2 24	21 23	7 50
4	S	6 50 35	12 34 16	22 52	17 53	3 24	18 43	7 52
5	M	6 54 32	13 31 27	22 46	0 ^x 35	4 12	15 12	7 54
6	Tu	6 58 28	14 28 38	22 40	13 0	4 47	11 6	7 56
7	W	7 2 25	15 25 49	22 34	25 11	5 9	6 38	7 57
8	Th	7 6 21	16 23 1	22 27	7 ^r 12	5 16	1 59	7 59
9	F	7 10 18	17 20 13	22 20	19 7	5 10	2 N 42	8 1
10	S	7 14 14	18 17 26	22 12	18 0	4 51	7 17	8 2
11	S	7 18 11	19 14 39	22 5	12 56	4 19	11 37	8 4
12	M	7 22 8	20 11 53	21 56	25 0	3 36	15 32	8 6
13	Tu	7 26 4	21 9 8	21 48	7 ¹¹ 15	2 42	18 53	8 8
14	W	7 30 1	22 6 23	21 39	19 45	1 39	21 25	8 9
15	Th	7 33 57	23 3 38	21 29	2 ⁵⁵ 32	0 30	22 56	8 10
16	F	7 37 54	24 0 54	21 19	15 37	0 N 42	23 14	8 11
17	S	7 41 50	24 58 11	21 9	29 1	1 54	22 13	8 12
18	S	7 45 47	25 55 28	20 58	12 ² 42	3 0	19 53	8 13
19	M	7 49 43	26 52 45	20 48	26 37	3 57	16 21	8 14
20	Tu	7 53 40	27 50 3	20 37	10 ^m 43	4 40	11 52	8 16
21	W	7 57 37	28 47 21	20 25	24 57	5 7	6 42	8 17
22	Th	8 1 33	29 44 40	20 13	9 ¹ 13	5 14	1 10	8 18
23	F	8 5 30	0 ² 41 58	20 1	23 30	5 3	4 S 26	8 19
24	S	8 9 26	1 39 18	19 48	7 ^m 43	4 33	9 48	8 20
25	S	8 13 23	2 36 38	19 36	21 50	3 46	14 36	8 21
26	M	8 17 19	3 33 58	19 22	5 ¹ 51	2 47	18 34	8 22
27	Tu	8 21 16	4 31 18	19 9	19 43	1 38	21 26	8 23
28	W	8 25 12	5 28 39	18 55	3 ¹⁷ 24	0 24	23 1	8 24
29	Th	8 29 9	6 26 1	18 41	16 55	0 S 50	23 13	8 25
30	F	8 33 6	7 23 24	18 26	0 ^m 12	1 59	22 4	8 26
31	S	8 37 2	8 20 47	18 12	13 16	3 2	19 45	8 26

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.							
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.								
	° /	° /	° /	° /	° /	° /								
1	0 N 55	8 N 18	1 S 30	17 N 9	1 N 31	24 N 23	7 52							
4	0 52	7 36	2 10	16 36	1 44	23 50	7 42							
7	0 49	6 53	2 51	16 6	1 50	22 56	7 33							
10	0 47	6 10	3 32	15 41	1 49	21 44	7 23							
13	0 44	5 26	4 14	15 19	1 44	20 18	7 14							
16	0 42	4 42	4 56	15 1	1 33	18 42	7 4							
19	0 39	3 57	5 32	14 48	1 16	16 57	6 55							
22	0 37	3 12	6 3	14 39	0 57	15 8	6 45							
25	0 35	2 27	6 28	14 35	0 34	13 16	6 36							
28	0 33	1 41	6 47	14 34	0 7	11 23	6 26							
31	0 30	0 55	7 0	14 36	0 S 21	9 32	6 17							
D M	h Long.	♄ Long.	♀ Long.	♀ Long.	♂ Long.	Mutual Aspts.	Lunar Aspects.							
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋	♌	♍
1	15 8	0 13	25 10	59 6	Ω 49	12 35	♄ Δ ♀	♂	Δ		*	Δ		♂
2	15	6 13	24 11	33 6	♂ 44	14 44	♈ * ♀			Δ				
3	15	11 13	23 12	8 6	36 16	51			□					♂
4	15	16 13	22 12	43 6	26 18	58	☉ * ♂			□	□			
5	15	21 13	21 13	17 6	14 21	2	☉ Δ ♄							
6	15	26 13	20 13	52 5	59 23	5		Δ	*	*	Δ	♂		
7	15	31 13	20 14	27 5	42 25	7	☉ * ♈							Δ
8	15	36 13	19 15	2 5	23 27	7	☉ P ♀						Δ	
9	15	41 13	19 15	37 5	2 29	4	♈ Δ ♂	□						
10	15	46 13	19 16	13 4	38 1	Ω 1							□	□
11	15	51 13	19 16	48 4	13 2	56			♈	♈	♂	Δ		
12	15	56 13	19 17	24 3	46 4	49	♀ ♂ ♀	*						
13	16	1 13	20 18	0 3	16 6	39	♂ ♂ ♀						*	*
14	16	6 13	20 18	35 2	45 8	28	♈ □ ♀					□		
15	16	11 13	21 19	10 2	12 10	14			*					
16	16	15 13	22 19	46 1	38 12	0				*	Δ	*		
17	16	19 13	23 20	22 1	3 13	43	♄ □ ♀	♈					♈	♈
18	16	23 13	24 20	58 0	27 15	24		□	□	□				
19	16	27 13	26 21	34 29	50 17	4	♈ □ ♀		Δ	Δ	*			
20	16	31 13	28 22	10 29	13 18	42			Δ	Δ	*			
21	16	35 13	30 22	46 28	36 20	18	☉ ♂ ♀	*					♈	*
22	16	39 13	32 23	23 27	59 21	52	♈ □ ♂							
23	16	43 13	34 23	58 27	21 23	24	♀ P ♈						□	*
24	16	47 13	36 24	35 26	45 24	54		□	♂		♈			
25	16	51 13	39 25	11 26	9 26	23				♂		*	Δ	□
26	16	55 13	42 25	47 25	34 27	49	♂ * ♀	Δ						
27	16	58 13	45 26	24 25	0 29	13								
28	17	1 13	48 27	1 24	27 0	36			Δ				□	Δ
29	17	4 13	51 27	38 23	56 1	57				Δ	*			
30	17	7 13	54 28	15 23	27 3	16						Δ	♂	
31	17	10 13	58 28	52 22	59 4	33	☉ □ ♈	♂	□	□	□			

AUGUST XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	'	'	'	'	'	'
1	15	47	0 8 29	18 N 53	2 8 20	14 N 45	0 N 57	15 8 10
4	15	47	0 29	13 53	2 22	14 46	0 56	15 14
7	15	48	0 29	13 54	2 23	14 48	0 55	15 19
10	15	48	0 29	13 54	2 23	14 49	0 54	15 24
13	15	49	0 29	13 54	2 24	14 50	0 54	15 30
16	15	49	0 29	13 54	2 24	14 51	0 53	15 35
19	15	50	0 29	13 53	2 25	14 51	0 52	15 42
22	15	50	0 29	13 53	2 25	14 51	0 52	15 48
25	15	51	0 29	13 52	2 26	14 51	0 51	15 55
28	15	52	0 29	13 52	2 27	14 51	0 50	16 2
31	15	52	0 29	13 51	2 29	14 50	0 50	16 10
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♄ Long.
		H. M. S.	'	'	'	'	'	'
1	S	8 40 59	9 2 18 12	17 N 56	26 m 5	3 8 53	16 S 29	8 28
2	M	8 44 55	10 15 37	17 41	8 x 40	4 38 12	32 8	8 27
3	Tu	8 48 52	11 13 4	17 25	21 1	4 58 8	8	8 27
4	W	8 52 48	12 10 31	17 9	3 r 10	5 10 3	29	8 28
5	Th	8 56 45	13 8 0	16 53	15 9	5 8 1	N 14	8 28
6	F	9 0 41	14 5 31	16 37	27 3	4 53 5	53	8 28
7	S	9 4 38	15 3 2	16 20	8 x 55	4 25 10	18	8 29
8	S	9 8 35	16 0 35	16 3	20 51	3 46 14	21	8 29
9	M	9 12 31	16 58 10	15 46	2 54	2 56 17	53	8 30
10	Tu	9 16 28	17 55 46	15 28	15 9	1 57 20	41	8 30
11	W	9 20 24	18 53 23	15 10	27 43	0 52 22	34	8 30
12	Th	9 24 21	19 51 2	14 52	10 57	0 N 18	23	8 30
13	F	9 28 17	20 48 42	14 34	23 54	1 29 22	48	8 30
14	S	9 32 14	21 46 23	14 16	7 35	2 36 20	54	8 30
15	S	9 36 10	22 44 6	13 57	21 39	3 36 17	42	8 30
16	M	9 40 7	23 41 51	13 38	6 m 1	4 24 13	24	8 30
17	Tu	9 44 4	24 39 36	13 19	20 35	4 55 8	15	8 30
18	W	9 48 0	25 37 23	12 59	5 15	5 7 2	37	8 30
19	Th	9 51 57	26 35 11	12 40	19 52	4 59 3	S 9	8 29
20	F	9 55 53	27 33 0	12 20	4 m 22	4 32 8	43	8 29
21	S	9 59 50	28 30 51	12 0	18 40	3 48 13	44	8 29
22	S	10 3 46	29 28 42	11 40	2 f 43	2 52 17	55	8 28
23	M	10 7 43	0 m 26 85	11 19	16 31	1 46 21	1	8 28
24	Tu	10 11 39	1 24 29	10 59	0 v 5	0 35 22	52	8 28
25	W	10 15 36	2 22 24	10 38	13 23	0 S 36	23	8 27
26	Th	10 19 33	3 20 21	10 17	26 32	1 45 22	35	8 27
27	F	10 23 29	4 18 19	9 56	9 m 27	2 46 20	34	8 26
28	S	10 27 26	5 16 19	9 35	22 12	3 38 17	34	8 25
29	S	10 31 22	6 14 20	9 14	4 x 45	4 19 13	47	8 24
30	M	10 35 19	7 12 22	8 52	17 8	4 47 9	29	8 23
31	Tu	10 39 15	8 10 27	8 31	29 21	5 1 4	52	8 23

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 29	0 N 39	7 S 3	14 N 38	0 S 31	8 N 56	6 14
4	0 27	0 S 7	7 5	14 44	1 2	7 9	6 4
7	0 24	0 54	7 3	14 53	1 34	5 28	5 55
10	0 22	1 41	6 56	15 3	2 7	3 54	5 45
13	0 20	2 28	6 45	15 14	2 40	2 32	5 36
16	0 18	3 15	6 31	15 25	3 12	1 23	5 26
19	0 16	4 2	6 16	15 35	3 42	0 33	5 16
22	0 13	4 49	5 56	15 44	4 7	0 4	5 7
25	0 11	5 37	5 38	15 52	4 24	0 3	4 57
28	0 9	6 24	5 16	15 58	4 30	0 33	4 48
31	0 7	7 10	4 55	16 1	4 21	1 35	4 38

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	17 13	14 m 29	22 m 29	22 33	5 m 47							
2	17 16	14 6	0 6	22 10	6 59	♀ ∠ ☿	*		Δ			♋
3	17 19	14 10	0 43	21 49	8 9			*			♋	♋
4	17 22	14 14	1 20	21 30	9 17						♋	
5	17 25	14 18	1 57	21 13	10 22		Δ					
6	17 28	14 23	2 34	20 59	11 25	☉ □ ♄						☐
7	17 30	14 28	3 12	20 47	12 25			♈		♋		Δ
8	17 32	14 33	3 49	20 38	13 22		☐	♈				*
9	17 34	14 38	4 27	20 31	14 17	♄ * ☿				Δ		
10	17 36	14 43	5 52	20 25	15 8	☉ □ ♄	*					☐
11	17 38	14 48	5 43	20 23	15 55							
12	17 40	14 54	6 21	20 16	16 40			*		Δ	☐	*
13	17 42	15 0	6 59	20 26	17 22	☿ P ♋			*		♈	
14	17 43	15 6	7 37	20 30	17 59			☐		*		
15	17 45	15 12	8 15	20 37	18 33		♈		☐	☐		
16	17 46	15 18	8 53	20 45	19 2			Δ				
17	17 48	15 24	9 31	20 57	19 27	☉ ∠ ♋			Δ	*		♈
18	17 49	15 30	10 9	21 10	19 48						♈	
19	17 40	15 37	10 48	21 25	20 3		*				☐	
20	17 51	15 44	11 26	21 42	20 13		♋					
21	17 52	15 51	12 52	21 12	18				♋	♈		Δ
22	17 53	15 58	12 43	22 22	17		☐					*
23	17 54	16 5	12 22	22 44	11					*		☐
24	17 55	16 12	12 14	23 8	19 59		Δ					
25	17 56	16 19	12 40	23 34	19 40			Δ	Δ	*	☐	Δ
26	17 56	16 27	12 19	24 2	16							♋
27	17 57	16 35	12 58	24 31	18 45			☐				
28	17 57	16 43	12 36	25 1	9				☐	☐	Δ	
29	17 57	16 51	12 16	25 33	17 27		♋	*				
30	17 56	16 59	12 55	26 6	16 40	♄ * ☿			*	Δ		♋
31	17 56	17 7	12 34	26 41	15 50	☉ Δ ♄					Δ	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	53	0 S 29	13 N 51	2 S 28	14 N 50	0 N 50	16 S 12
4	15	54	0 29	13 50	2 29	14 49	0 49	16 20
7	15	54	0 29	13 49	2 29	14 48	0 49	16 28
10	15	55	0 29	13 47	2 30	14 46	0 48	16 36
18	15	56	0 29	13 46	2 30	14 44	0 48	16 44
16	15	56	0 29	13 44	2 31	14 43	0 47	16 53
19	15	57	0 29	13 43	2 32	14 40	0 47	17 2
22	15	58	0 29	13 41	2 32	14 38	0 46	17 10
25	15	59	0 29	13 39	2 32	14 35	0 46	17 19
28	16	0	0 29	13 38	2 33	14 32	0 45	17 28

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.	
		H. M. S.		°	'	°	'	°	'	°	'	°	'	°	'
1	W	10	43	12	9	58	8 33	8 N 9	11 25	5 S 1	0 S 6	8 21		8 21	
2	Th	10	47	8	10	6	41	7 47	23 21	4 49	4 N 36	8 20		8 20	
3	F	10	51	5	11	4	51	7 25	5 13	4 23	9 8	8 19		8 19	
4	S	10	55	2	12	3	3	7 3	17 3	3 47	13 19	8 18		8 18	
5	S	10	58	58	13	1	17	6 41	28 56	3 0	17 0	8 17		8 17	
6	M	11	2	55	13	59	33	6 18	10 56	2 5	20 2	8 16		8 16	
7	Tu	11	6	51	14	57	51	5 56	23 9	1 4	22 13	8 15		8 15	
8	W	11	10	48	15	56	11	5 33	5 40	0 N 2	23 23	8 14		8 14	
9	Th	11	14	44	16	54	33	5 10	18 34	1 10	23 20	8 13		8 13	
10	F	11	18	41	17	52	58	4 49	1 54	2 16	21 58	8 12		8 12	
11	S	11	22	37	18	51	24	4 25	15 42	3 17	19 16	8 11		8 11	
12	S	11	26	34	19	49	53	4 2	29 59	4 7	15 21	8 9		8 9	
13	M	11	30	30	20	48	23	3 39	14 38	4 43	10 24	8 8		8 8	
14	Tu	11	34	27	21	46	55	3 16	29 35	5 0	4 45	8 7		8 7	
15	W	11	38	24	22	45	30	2 53	14 39	4 56	1 S 13	8 5		8 5	
16	Th	11	42	20	23	44	6	2 29	29 40	4 32	7 7	8 4		8 4	
17	F	11	46	17	24	42	43	2 6	14 29	3 50	12 32	8 2		8 2	
18	S	11	50	13	25	41	23	1 43	29 1	2 54	17 7	8 1		8 1	
19	S	11	54	10	26	40	4	1 20	13 11	1 48	20 37	7 59		7 59	
20	M	11	58	6	27	38	47	0 56	26 53	0 37	22 48	7 57		7 57	
21	Tu	12	2	3	28	37	32	0 33	10 25	0 S 33	23 36	7 55		7 55	
22	W	12	5	59	29	36	18	0 9	23 33	1 41	23 4	7 53		7 53	
23	Th	12	9	56	0	35	6	0 S 14	6 24	2 42	21 18	7 51		7 51	
24	F	12	13	53	1	33	56	0 37	19 3	3 34	18 30	7 49		7 49	
25	S	12	17	49	2	32	48	1 1	1 31	4 14	14 54	7 47		7 47	
26	S	12	21	46	3	31	42	1 24	13 49	4 43	10 42	7 46		7 46	
27	M	12	25	42	4	30	37	1 48	26 0	4 57	6 8	7 44		7 44	
28	Tu	12	29	39	5	29	34	2 11	8 4	4 58	1 22	7 43		7 43	
29	W	12	33	35	6	28	34	2 34	20 1	4 46	3 N 25	7 40		7 40	
30	Th	12	37	32	7	27	35	2 58	1 54	4 22	8 3	7 38		7 38	

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08 29	18 N 36	28 34	14 N 29	0 N 45	17 S 37
4	16	1	0 29	13 33	2 34	14 26	0 44	17 46
7	16	2	0 29	13 31	2 34	14 23	0 44	17 56
10	16	3	0 29	13 29	2 35	14 19	0 43	18 5
13	16	4	0 29	13 27	2 35	14 16	0 43	18 14
16	16	5	0 29	13 25	2 35	14 12	0 42	18 23
19	16	5	0 29	13 22	2 35	14 8	0 42	18 32
22	16	6	0 29	13 20	2 35	14 4	0 42	18 42
25	16	7	0 29	13 17	2 35	14 0	0 41	18 51
28	16	8	0 29	13 15	2 36	13 56	0 41	19 0
31	16	9	0 29	13 13	2 36	13 51	0 40	19 9

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	F	12 41 28	8 26 39	38 21	13 44	38 46	12 N 22	7 36
2	S	12 45 25	9 25 45	3 44	25 34	3 116	14	7 34
3	S	12 49 22	10 24 53	4 8	7 26	2 719	29	7 31
4	M	12 53 18	11 24 3	4 31	19 25	1 721	55	7 29
5	Tu	12 57 15	12 23 16	4 54	1 36	0 823	24	7 27
6	W	13 1 11	13 22 31	5 17	14 3	1 N 223	45	7 24
7	Th	13 5 8	14 21 48	5 40	26 52	2 722	52	7 22
8	F	13 9 4	15 21 8	6 3	10 7	3 620	43	7 20
9	S	13 13 1	16 20 30	6 26	23 51	3 58	17 19	7 17
10	S	13 16 57	17 19 55	6 49	8 0	4 36	12 48	7 15
11	M	13 20 54	18 19 21	7 11	22 48	4 58	7 25	7 13
12	Tu	13 24 51	19 18 50	7 34	7 52	5 0	1 28	7 11
13	W	13 28 47	20 18 21	7 56	23 9	4 41	48 39	7 9
14	Th	13 32 44	21 17 54	8 19	8 26	4 110	31	7 6
15	F	13 36 40	22 17 28	8 41	23 33	3 515	41	7 4
16	S	13 40 37	23 17 5	9 3	8 21	1 58	19 47	7 1
17	S	13 44 33	24 16 44	9 25	22 45	0 44	22 31	6 59
18	M	13 48 30	25 16 24	9 47	6 42	0 S 30	23 47	6 56
19	Tu	13 52 26	26 16 6	10 9	20 12	1 40	23 35	6 54
20	W	13 56 23	27 15 50	10 30	3 19	2 43	23 4	6 52
21	Th	14 0 19	28 15 36	10 52	16 6	3 36	19 27	6 49
22	F	14 4 16	29 15 23	11 13	28 36	4 17	16 59	6 47
23	S	14 8 13	0 15 12	11 34	10 58	4 46	11 54	6 45
24	S	14 12 9	1 15 2	11 55	23 1	5 1	7 23	6 42
25	M	14 16 6	2 14 55	12 16	5 2	5 3	2 38	6 40
26	Tu	14 20 2	3 14 49	12 36	16 59	4 52	2 N 11	6 37
27	W	14 23 59	4 14 45	12 57	28 52	4 27	6 54	6 35
28	Th	14 27 55	5 14 43	13 17	10 43	3 52	11 23	6 33
29	F	14 31 52	6 14 43	13 37	22 34	3 6	15 26	6 30
30	S	14 35 48	7 14 45	13 57	4 26	2 12	18 53	6 27
31	S	14 39 45	8 14 49	14 16	16 23	1 11	21 35	6 25

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 S 14	14 S 51	1 S 18	12 N 53	1 N 54	3 N 25	3 50
4	0 16	15 32	1 0	12 11	1 52	1 18	2 50
7	0 18	16 12	0 42	11 25	1 44	0 S 56	2 41
10	0 20	16 50	0 25	10 35	1 31	3 12	2 31
13	0 21	17 28	0 9	9 42	1 15	5 28	2 22
16	0 23	18 5	0 N 6	8 45	0 58	7 40	2 12
19	0 24	18 40	0 21	7 45	0 39	9 49	2 3
22	0 26	19 14	0 34	6 41	0 20	11 52	1 53
25	0 27	19 47	0 47	5 35	0 S 1	13 50	1 44
28	0 29	20 18	0 59	4 27	0 21	15 41	1 34
31	0 31	20 48	1 10	3 16	0 41	17 24	1 24

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	17 8	3 22	9 23	22 15	25 48	♄ ☐ ♀		♂	♊			
2	16 59	22 23	10 4	23 15	27 32		Δ		♊		☐	Δ
3	16 54	22 34	10 45	24 15	29 17							
4	16 52	22 45	11 27	25 16	1 2	♄ ☐ ♀						
5	16 48	22 57	12 8	26 17	2 48		*				*	☐
6	16 45	23 9	12 40	27 18	4 36		☐	*		Δ		
7	16 42	23 21	13 32	28 19	6 20				Δ			
8	16 38	23 33	14 13	29 21	8 6	♄ ☐ ♀	*	☐	☐		☐	*
9	16 34	23 45	14 55	0 23	9 54					☐	♂	
10	16 30	23 57	15 37	1 26	11 37		Δ					
11	16 26	24 9	16 19	2 29	13 22	♄ ☐ ♀			Δ	*	*	
12	16 22	24 21	17 1	3 32	15 7					*	*	♂
13	16 18	24 33	17 43	4 36	16 51		♂					
14	16 14	24 45	18 25	5 40	18 34			♂				*
15	16 10	24 57	19 8	6 44	20 17	♄ ☐ ♀			♂	♂	♂	
16	16 6	25 9	19 50	7 49	21 59							☐
17	16 2	25 21	20 32	8 54	23 40	♀ ☐ ♀	*					*
18	15 58	25 33	21 15	9 59	25 22	☉ ☐ ♀		Δ				Δ
19	15 53	25 46	21 58	11 5	27 2				Δ	*	*	
20	15 49	25 58	22 40	12 11	28 42		☐	☐				☐
21	15 44	26 11	23 13	16 0	21 21	☉ ☐ ♀			☐			
22	15 40	26 23	24 6	14 23	1 59		Δ		*		☐	Δ
23	15 35	26 36	24 48	15 29	3 37	♄ ☐ ♀		*	*			♂
24	15 31	26 49	25 31	16 36	5 15					Δ	Δ	
25	15 26	27 2	26 14	17 43	6 52	♄ ☐ ♀						
26	15 21	27 14	26 57	18 50	8 28							
27	15 16	27 27	27 40	19 57	10 4	♂ ☐ ♀		♂				
28	15 11	27 40	28 23	21 5	11 39				♂	♂		♂
29	15 6	27 53	29 6	22 13	13 14	☉ ☐ ♀						Δ
30	15 1	28 6	29 49	23 21	14 49	♄ ☐ ♀						
31	14 56	28 19	0 8	24 29	16 23							

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 29	13 N12	28 36	13 N50	0 N40	19 8 12
4	16	9	0 29	13 9	2 36	13 46	0 40	19 21
7	16	10	0 29	13 7	2 35	13 42	0 40	19 29
10	16	11	0 29	13 5	2 35	13 38	0 40	19 38
13	16	12	0 29	13 2	2 35	13 33	0 39	19 46
16	16	12	0 29	13 0	2 35	13 30	0 39	19 55
19	16	13	0 29	12 58	2 34	13 26	0 39	20 3
22	16	13	0 29	12 56	2 34	13 22	0 39	20 11
25	16	14	0 29	12 54	2 34	13 18	0 38	20 19
28	16	14	0 29	12 52	2 33	13 15	0 38	20 26

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♄ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	14 43 42	9 m 14 54	14 8 35	28 II 26	0 S 7	23 N20	6 8 23
2	Tu	14 47 38	10 15 21	14 54 10	28 39	0 N59	24 0	6 12 20
3	W	14 51 35	11 15 12	15 13 23	7	2 32	23 30	6 18
4	Th	14 55 31	12 15 24	15 32 5	52 53	3 32	21 46	6 15
5	F	14 59 28	13 15 39	15 50 19	3	3 55	18 50	6 13
6	S	15 3 24	14 15 55	16 8 2	2 m 38	4 36	14 49	6 10
7	S	15 7 21	15 16 13	16 26 16	41	5 1	9 53	6 8
8	M	15 11 17	16 16 33	16 43 1	11	5 9	4 15	6 5
9	Tu	15 15 14	17 16 56	17 0 16	5	4 57	1 8 46	6 3
10	W	15 19 11	18 17 20	17 17 1 m	15	4 23	7 48	6 0
11	Th	15 23 7	19 17 45	17 34 16	31	3 31	13 25	5 58
12	F	15 27 4	20 18 13	17 50 1	43	2 24	18 10	5 56
13	S	15 31 0	21 18 42	18 6 16	41	1 8	21 40	5 54
14	S	15 34 57	22 19 12	18 22 1	16	0 8 11	23 39	5 51
15	M	15 38 53	23 19 44	18 37 15	25	1 27	24 1	5 49
16	Tu	15 42 50	24 20 18	18 52 29	6	2 36	22 54	5 47
17	W	15 46 46	25 20 52	19 7 12	20	3 34	20 32	5 44
18	Th	15 50 43	26 21 28	19 21 25	10	4 19	17 13	5 42
19	F	15 54 40	27 22 5	19 35 7	41	4 51	13 12	5 40
20	S	15 58 36	28 22 44	19 49 19	55	5 9	8 43	5 37
21	S	16 2 33	29 23 23	20 2 1	59	5 12	3 59	5 35
22	M	16 6 29	0 f 24 3	20 15 13	55	5 2	0 N51	5 32
23	Tu	16 10 26	1 24 45	20 28 25	47	4 39	5 38	5 31
24	W	16 14 22	2 25 28	20 40 7	37	4 5	10 12	5 29
25	Th	16 18 19	3 26 12	20 52 19	29	3 19	14 25	5 27
26	F	16 22 15	4 26 57	21 3 1	24	2 25	18 6	5 25
27	S	16 26 12	5 27 43	21 14 13	24	1 23	21 3	5 23
28	S	16 30 9	6 28 31	21 24 25	30	0 18	23 5	5 21
29	M	16 34 5	7 29 20	21 35 7	45	0 N50	24 3	5 19
30	Tu	16 38 2	8 30 10	21 44 20	10	1 56	23 51	5 17

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
1	08 32	20 S 57	1 N 13	2 N 52	08 48	17 S 57	1 21
4	0 33	21 25	1 23	1 39	1 6	19 30	1 11
7	0 35	21 50	1 32	0 24	1 23	20 54	1 2
10	0 36	22 14	1 39	0 S 52	1 41	22 10	0 53
13	0 38	22 36	1 45	2 10	1 55	23 15	0 43
16	0 39	22 56	1 51	3 27	2 7	24 10	0 34
19	0 41	23 14	1 56	4 45	2 17	24 53	0 24
22	0 42	23 30	2 0	6 3	2 25	25 25	0 15
25	0 44	23 44	2 3	7 20	2 27	25 44	0 5
28	0 45	23 55	2 4	8 37	2 25	25 51	29 II 55

D	h	μ	♂	♀	♀	Mutual	Lunar Aspects.					
M	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♂	♀	♀	♀
	°	'	°	'	°	'						
1	14 52	28 32	1 16	25 37	17 56						☐	
2	14 48	28 45	1 59	26 45	19 29		Δ	*	*			
3	14 43	28 58	2 42	27 54	21 2				Δ	*	Δ	
4	14 38	29 11	3 26	29 3	22 35	μ * ♀	☐			Δ		
5	14 34	29 24	4 9	0 12	24 7		☐		☐			☐
6	14 29	29 37	4 53	1 21	25 38	☉ ♂ h	*	Δ		☐	☐	
7	14 24	29 50	5 37	2 31	27 9			Δ		*	*	
8	14 19	0 3	6 21	3 40	28 40				*	*	♂	*
9	14 14	0 16	7 5	4 50	0 11	μ ♂ ♀						
10	14 9	0 30	7 49	6 0	1 41	♀ P ♂	♂					
11	14 4	0 43	8 33	7 10	3 11		♂	♂				
12	13 59	0 56	9 17	8 21	4 39			♂	♂	*	♂	
13	13 54	1 10	10 1	9 32	6 8				♂			
14	13 50	1 23	10 45	10 42	7 38	♂ * ♀	Δ					
15	13 45	1 36	11 29	11 53	9 6			Δ			☐	
16	13 40	1 50	12 13	13 4	10 34		*		*			
17	13 36	2 3	13 57	14 15	12 1		☐	☐		*	Δ	*
18	13 31	2 16	14 41	15 26	13 27	♂ ♂ ♀	☐	*	*	☐	☐	
19	13 26	2 30	15 26	16 37	14 53					☐	☐	
20	13 21	2 43	16 11	17 48	16 19	μ ∠ ♀						☐
21	13 17	2 57	17 55	18 59	17 43		Δ			Δ		
22	13 12	3 10	18 40	20 11	19 7	☉ P μ				Δ		
23	13 7	3 24	19 24	21 22	20 30	☿ ☐ ♀				♂	Δ	
24	13 2	3 37	20 9	22 34	21 52		♂	♂				
25	12 58	3 51	21 54	23 46	23 12							
26	12 54	4 4	22 39	24 58	24 31	☉ ♂ μ	♂			♂		
27	12 49	4 17	23 23	26 10	25 48	☿ ☐ ♂						
28	12 45	4 31	24 8	27 22	27 3					♂	Δ	♂
29	12 41	4 44	25 53	28 34	28 16	h ☐ ♀		*	*			
30	12 37	4 57	26 38	29 46	29 27							

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	15	0 S 29	12 N 50	2 S 33	13 N 12	0 N 88	20 S 34
4	16	15	0 29	12 48	2 32	13 9	0 38	20 41
7	16	16	0 29	12 46	2 31	13 6	0 38	20 48
10	16	16	0 29	12 45	2 31	13 3	0 37	20 55
13	16	16	0 28	12 43	2 30	13 1	0 37	21 2
16	16	17	0 28	12 42	2 29	12 59	0 37	21 8
19	16	17	0 28	12 41	2 29	12 57	0 37	21 15
22	16	17	0 28	12 40	2 28	12 56	0 37	21 21
25	16	17	0 28	12 39	2 27	12 55	0 37	21 26
28	16	17	0 28	12 38	2 26	12 54	0 36	21 32
31	16	17	0 28	12 37	2 26	12 53	0 36	21 37

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	16 41 58	9 ♄ 31	2 21 S 54	2 ♄ 48	2 N 57	22 N 25	5 ♃ 15
2	Th	16 45 55	10 31 55	22 3 15	41 3	51 19	50	5 ♃ 13
3	F	16 49 51	11 32 49	22 11 28	51 4	34 16	10	5 11
4	S	16 53 48	12 33 45	22 19 12	22 5	4 11	36	5 9
5	S	16 57 45	13 34 42	22 27 26	14 5	16 6	20	5 7
6	M	17 1 41	14 35 40	22 34 10	27 5	10 0	37	5 6
7	Tu	17 5 38	15 36 39	22 41 25	0 4	44 5	16	5 4
8	W	17 9 34	16 37 40	22 47 9	48 8	59 10	59	5 3
9	Th	17 13 31	17 38 41	22 53 24	45 2	57 16	6	5 2
10	F	17 17 27	18 39 44	22 58 9	42 1	43 20	13	5 0
11	S	17 21 24	19 40 47	23 3 24	32 0	23 22	58	4 58
12	S	17 25 20	20 41 51	23 8 9	7 0	58 24	6	4 56
13	M	17 29 17	21 42 56	23 12 23	20 2	13 23	37	4 54
14	Tu	17 33 14	22 44 2	23 16 7	8 3	18 21	41	4 53
15	W	17 37 10	23 45 7	23 19 20	31 4	10 18	36	4 52
16	Th	17 41 7	24 46 14	23 21 3	28 4	47 14	42	4 51
17	F	17 45 3	25 47 20	23 23 16	4 5	10 10	15	4 50
18	S	17 49 0	26 48 27	23 25 28	22 5	18 5	30	4 49
19	S	17 52 56	27 49 34	23 26 10	26 5	11 0	38	4 47
20	M	17 56 53	28 50 41	23 27 22	21 4	51 4	N 12	4 46
21	Tu	18 0 49	29 51 48	23 28 4	12 4	19 8	52	4 45
22	W	18 4 46	0 ♃ 52	23 27 16	2 3	36 13	12	4 44
23	Th	18 8 43	1 54 3	23 27 27	55 2	43 17	4	4 42
24	F	18 12 39	2 55 11	23 28 9	55 1	43 20	16	4 41
25	S	18 16 36	3 56 19	23 24 22	4 0	37 22	36	4 40
26	S	18 20 32	4 57 27	23 22 4	24 0	N 31	23	4 39
27	M	18 24 29	5 58 35	23 19 16	56 1	39 24	1	4 38
28	Tu	18 28 25	6 59 44	23 16 29	41 2	43 22	54	4 38
29	W	18 32 22	8 0 53	23 13 12	29 3	40 20	32	4 37
30	Th	18 36 18	9 2 2	23 9 25	50 4	26 17	5	4 36
31	F	18 40 15	10 3 11	23 5 9	15 4	59 12	43	4 36

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	0 S 47	24 S 5	2 N 5	9 S 52	2 S 16	25 S 44	29 14 46
4	0 48	24 12	2 5	11 7	2 0	25 25	29 36
7	0 49	24 16	2 4	12 19	1 34	24 54	29 27
10	0 50	24 18	2 2	13 29	0 56	24 14	29 17
13	0 51	24 18	2 0	14 36	0 7	23 26	29 8
16	0 52	24 16	1 56	15 41	0 N 51	22 33	28 58
19	0 53	24 11	1 52	16 42	1 50	21 38	28 49
22	0 54	24 3	1 48	17 39	2 37	20 49	28 39
25	0 56	23 53	1 43	18 33	3 3	20 15	28 30
28	0 57	23 41	1 37	19 22	3 9	20 2	28 20
31	0 59	23 26	1 31	20 7	2 59	20 10	28 11

D M	\hbar Long.	Υ Long.	δ Long.	ζ Long.	ψ Long.	Mutual Aspts.	Lunar Aspects.						
	° ' "	° ' "	° ' "	° ' "	° ' "		\odot	\hbar	Υ	δ	ζ	ψ	ω
	° ' "	° ' "	° ' "	° ' "	° ' "								
1	12 34	5 11	23 23	0 m 58	0 w 38			\square		Δ		\square	
2	12 30	5 25	24 8	2 10	1 37		Δ		\square				
3	12 26	5 38	24 53	3 23	2 37			Δ		\square	Δ	*	Δ
4	12 22	5 51	25 39	4 36	3 32	$\hbar \delta \delta$	\square		Δ			\square	
5	12 18	6 5	26 24	5 49	4 23							\square	
6	12 14	6 18	27 9	7 2	5 7	$\hbar \Delta \psi$	*			*			\square
7	12 10	6 32	27 55	8 15	5 45			$\delta \delta$		*	δ	*	
8	12 6	6 45	28 40	9 27	6 15			$\delta \delta$		*	δ	*	
9	12 2	6 59	29 25	10 41	6 37					δ			
10	11 59	7 12	0 w 11	11 54	6 49	$\hbar \delta \psi$				δ			
11	11 56	7 25	0 56	13 7	6 52	$\odot \square \hbar$	δ	Δ	Δ		δ	*	δ
12	11 53	7 38	1 42	14 20	6 43			Δ	Δ		*		δ
13	11 50	7 51	2 28	15 33	6 24			\square	\square	*			
14	11 47	8 5	3 14	16 46	5 53					*			
15	11 44	8 18	3 59	17 59	5 10	$\hbar \Delta \psi$	*		\square	*		\square	
16	11 41	8 31	4 45	19 13	4 18	$\hbar \Delta \delta$		*		\square	*		*
17	11 38	8 44	5 31	20 26	3 14	$\delta \angle \psi$		*	*			Δ	*
18	11 35	8 57	6 17	21 39	2 1	$\odot \square \hbar$	\square			Δ	\square		\square
19	11 33	9 10	7 3	22 53	0 44	$\odot \delta \psi$				Δ	\square		
20	11 30	9 24	7 49	24 6	29 12	$\odot \delta \psi$							
21	11 28	9 37	8 35	25 20	28 0		Δ	δ			Δ		Δ
22	11 26	9 50	9 21	26 34	26 39	$\hbar \square \psi$		δ	δ			δ	
23	11 24	10 3	10 7	27 48	25 24					δ			
24	11 22	10 16	10 53	29 2	24 13					δ			
25	11 20	10 29	11 40	0 16	23 11	$\hbar \Delta \delta$							δ
26	11 18	10 42	12 26	1 30	22 20	$\odot \Delta \hbar$	δ	*					
27	11 16	10 55	13 12	2 44	21 38				*		δ		
28	11 14	11 8	13 58	3 58	21 7			\square				Δ	
29	11 12	11 21	14 44	5 12	20 46			\square	Δ				
30	11 11	11 34	15 30	6 26	20 36								Δ
31	11 10	11 46	16 17	7 40	20 34		Δ	Δ	Δ	\square		\square	

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
0	0	0	0	10	24	28	13	14	3	1	51	37	0	11	19	17	23
0	3	40	1	11	25	28	43	14	4	1	55	27	1	12	20	18	51
0	7	20	2	12	26	29	25	15	5	1	59	17	2	13	21	19	30
0	11	0	3	13	27	0	14	16	6	2	3	8	3	14	21	19	30
0	14	41	4	14	28	0	49	17	6	2	8	50	4	15	22	20	9
0	18	21	5	15	29	1	25	17	7	2	10	51	5	16	23	20	48
0	22	2	6	16	29	2	7	18	8	2	14	44	6	16	24	21	37
0	26	43	7	17	30	3	43	19	9	2	18	37	7	17	24	23	8
0	29	23	8	18	1	3	26	19	10	2	22	31	8	18	25	23	47
0	33	4	9	19	2	4	4	20	10	2	26	25	9	19	26	23	28
0	36	45	10	20	3	4	41	21	11	2	30	20	10	20	27	24	8
0	40	26	11	21	4	5	19	22	12	2	34	16	11	21	27	24	48
0	44	8	12	23	4	5	58	23	13	2	38	13	12	22	28	25	26
0	47	50	13	24	5	6	36	23	14	2	43	10	13	23	29	26	8
0	51	32	14	25	6	7	14	24	15	2	46	8	14	24	30	26	48
0	55	14	15	26	7	7	53	24	15	2	50	7	15	25	0	27	29
0	58	5	16	27	8	8	32	25	16	2	54	7	16	26	1	29	10
1	3	40	17	28	8	9	10	26	17	2	58	7	17	27	2	29	51
1	6	23	18	29	9	9	47	26	18	3	2	8	18	28	3	29	32
1	10	7	19	30	10	10	25	27	19	3	6	9	19	29	4	29	13
1	13	51	20	1	11	11	5	28	20	3	10	12	20	30	5	0	54
1	17	35	21	2	12	11	43	29	20	3	14	15	21	0	6	1	36
1	21	20	22	3	13	12	22	29	21	3	18	19	22	1	6	2	17
1	25	6	23	4	13	13	0	29	22	3	23	23	23	2	7	3	59
1	28	52	24	5	14	13	39	1	23	3	26	20	24	3	8	4	41
1	32	38	25	6	15	14	18	2	24	3	30	35	25	4	8	4	23
1	36	25	26	7	16	14	56	2	25	3	34	41	26	5	9	5	5
1	40	12	27	8	16	15	35	3	26	3	38	49	27	6	10	5	47
1	44	0	28	9	17	16	14	4	26	3	42	57	28	7	11	6	30
1	47	48	29	10	18	16	53	4	27	3	47	6	29	8	12	7	12
1	51	37	30	11	19	17	32	5	28	3	51	15	30	9	13	7	54

Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
3	51	15	0	9	12	7	54	25	6	0	0	0	7	7	0	0	23
3	55	25	1	10	13	8	37	26	6	4	23	1	8	8	0	45	24
3	59	36	2	11	14	9	30	27	6	8	43	2	9	9	1	30	25
4	3	46	3	12	15	10	3	28	6	13	5	3	10	9	2	15	26
4	8	0	4	13	16	10	47	1	6	17	26	4	11	10	3	0	27
4	12	13	5	14	16	11	30	2	6	21	46	5	11	11	3	45	27
4	16	36	6	15	17	12	13	3	6	26	9	6	12	12	4	20	28
4	20	40	7	15	18	12	56	4	6	30	30	7	13	13	5	15	29
4	24	55	8	16	19	13	40	5	6	34	51	8	14	13	6	0	30
4	29	10	9	17	20	14	24	6	6	39	11	9	15	14	6	44	1
4	33	26	10	18	20	15	8	6	6	43	31	10	16	15	7	29	2
4	37	43	11	19	21	15	52	7	6	47	51	11	17	16	8	14	3
4	41	59	12	20	22	16	36	8	6	52	11	12	18	17	9	59	3
4	46	16	13	21	23	17	19	9	6	56	31	13	19	18	9	43	4
4	50	34	14	22	24	18	4	10	7	0	50	14	20	19	10	27	5
4	54	52	15	23	25	18	49	11	7	5	8	15	21	19	11	11	5
4	59	10	16	24	25	19	32	12	7	9	26	16	23	20	11	56	6
5	3	29	17	25	26	20	17	13	7	13	44	17	23	21	12	40	7
5	7	49	18	26	27	21	1	13	7	18	1	18	24	22	13	24	8
5	12	9	19	27	28	21	46	14	7	22	18	19	25	23	14	8	0
5	16	29	20	27	28	22	31	15	7	26	34	20	26	23	14	52	10
5	20	49	21	28	29	23	16	16	7	30	50	21	26	24	15	36	10
5	25	9	22	29	29	24	0	17	7	35	5	22	27	25	16	20	11
5	29	30	23	30	30	24	45	17	7	39	20	23	28	26	17	4	12
5	33	51	24	1	3	25	30	18	7	43	34	24	29	27	17	47	13
5	38	12	25	2	3	26	15	19	7	47	47	25	30	28	18	30	14
5	42	34	26	3	3	27	0	20	7	52	0	26	1	29	19	13	15
5	46	55	27	4	4	27	45	20	7	56	12	27	2	30	19	57	15
5	51	17	28	5	5	28	30	21	8	0	24	28	3	31	20	40	16
5	55	38	29	6	6	29	15	22	8	4	35	29	4	1	21	29	17
6	0	0	30	7	7	30	0	23	8	8	45	30	5	2	22	6	18

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3	
H.	M.	S.	°	'	"	°	'	"	H.	M.	S.	°	'	"	°	'	"	
8	8	45	0	5	2	23	6	18	10	8	23	0	2	25	12	28	11	20
8	12	54	1	6	2	22	48	19	10	12	12	1	3	26	13	6	12	21
8	17	3	2	7	3	23	30	19	10	16	0	2	3	26	13	45	13	21
8	21	11	3	8	4	24	13	20	10	19	48	3	4	27	14	25	14	22
8	25	19	4	9	5	24	55	21	10	23	35	4	5	28	15	4	14	23
8	29	26	5	10	6	25	37	22	10	27	23	5	6	29	15	43	15	24
8	33	31	6	10	6	26	19	23	10	31	8	6	7	29	16	21	16	25
8	37	37	7	11	7	27	1	23	10	34	54	7	8	m	17	0	17	26
8	41	41	8	12	8	27	43	24	10	38	40	8	9	1	17	39	18	27
8	45	45	9	13	9	28	24	25	10	42	25	9	10	2	18	17	19	28
8	49	48	10	14	9	29	6	26	10	46	9	10	10	3	18	55	19	29
8	53	51	11	15	10	29	47	26	1	50	53	11	11	3	19	34	20	wa
8	57	53	12	16	11	Om	28	27	2	53	37	12	12	4	20	13	21	1
9	1	53	13	17	12	1	9	28	3	57	20	13	13	4	20	51	22	2
9	5	53	14	18	13	1	50	29	4	11	1	3	14	5	21	30	23	4
9	9	53	15	18	13	2	31	29	5	11	4	46	15	6	22	8	24	5
9	13	53	16	19	14	3	12	2	6	11	8	28	16	6	22	46	24	6
9	17	50	17	20	15	3	52	1	7	11	12	10	17	7	23	34	25	7
9	21	47	18	21	16	4	32	2	8	11	15	23	18	7	24	2	26	8
9	25	44	19	22	17	5	12	3	9	11	19	34	19	8	24	40	27	9
9	29	40	20	23	17	5	52	3	10	11	23	15	20	9	25	19	28	10
9	33	36	21	24	18	6	32	4	11	11	26	56	21	10	25	59	29	11
9	37	30	22	25	19	7	13	5	12	11	30	37	22	11	26	38	29	12
9	41	23	23	26	20	7	53	6	13	11	34	18	23	11	27	15	vr	13
9	45	16	24	27	21	8	23	7	14	11	37	58	24	12	27	53	0	14
9	49	9	25	28	21	9	12	8	15	11	41	39	25	13	28	32	1	15
9	53	1	26	28	22	9	51	8	16	11	45	19	26	14	29	11	2	16
9	56	53	27	29	23	10	30	9	17	11	49	0	27	15	30	53	3	17
10	0	48	28	31	24	11	9	10	18	11	53	49	28	15	0	55	4	18
10	4	38	29	1	24	11	48	10	19	11	56	20	29	16	1	11	5	20
10	8	33	30	2	25	12	28	11	20	12	0	0	30	16	1	47	6	21

Right Asc. of Meridian.			10	11	12	Ascen f	2	3	Right Asc. of Meridian.			10	11	12	Ascen f	2	3		
H.	M.	S.	°	'	"	°	'	"	H.	M.	S.	°	'	"	°	'	"		
12	0	0	0	27	16	1	47	6	12	51	37	0	21	8	23	4	7	27	
12	3	40	1	28	17	2	33	7	12	55	27	1	22	9	23	53	9	28	
12	7	30	2	29	18	3	11	8	12	59	17	2	23	9	24	42	10	7	
12	11	0	3	m	18	3	49	9	14	3	8	3	24	10	25	31	11	1	
12	14	41	4	0	19	4	28	10	14	6	59	4	25	11	26	21	12	3	
12	18	21	5	1	20	5	7	10	14	10	51	5	26	12	27	13	14	4	
12	22	2	6	2	20	5	47	11	14	14	44	6	26	13	28	5	16	6	
12	25	42	7	3	21	6	27	12	14	18	37	7	27	13	28	58	17	7	
12	29	23	8	3	22	7	6	12	14	22	31	8	28	14	29	51	19	8	
12	33	4	9	4	23	7	46	14	1	14	26	25	9	29	15	vr	20	9	
12	36	45	10	5	23	8	26	15	2	14	30	20	10	f	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	4	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	25	10	29	18	5	14	42	10	13	2	18	4	30	26	15
12	51	32	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28	29	18
12	58	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	28	31	19
13	2	40	17	11	28	13	17	22	10	14	58	7	17	6	22	8	30	2	20
13	6	23	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
13	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	38	6	23
13	13	51	20	13	2	15	27	25	14	15	10	12	20	8	24	11	44	8	24
13	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	52	9	25
13	21	30	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0	11	27
13	25	6	23	15	2	17	38	29	18	15	22	23	23	11	27	15	10	13	29
13	29	52	24	16	3	18	25	wa	19	15	26	20	24	12	28	16	21	15	30
13	33	38	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37	17	31
13	36	25	26	18	5	19	57	2	21	15	34	41	26	14	vr	18	53	19	3
13	40	12	27	19	6	20	43	3	22	15	38	49	27	15	1	20	10	20	5
13	44	0	28	20	6	21	29	4	23	15	42	57	28	15	2	21	28	22	6
13	47	48	29	21	7	22	16	5	24	15	47	6	29	16	3	22	50	24	6
13	51	37	30	22	8	23	4	6	25	15	51	15	30	17	4	24	12	26	7

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 28' N.

Right Asc. of Meridian.			10	11	12	Ascen of	2	3	Right Asc. of Meridian.			10	11	12	Ascen of	2	3
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''
15	51	15	0	17	4	24	13	26	7	18	0	0	0	17	10	0	0
15	55	25	1	18	5	25	39	26	8	18	4	23	1	18	11	2	53
15	59	36	2	19	6	27	9	27	9	18	8	43	2	19	13	5	46
16	3	46	3	20	7	28	40	7	11	18	13	5	3	20	15	8	36
16	8	0	4	21	8	29	11	2	12	18	17	26	4	21	16	11	28
16	12	13	5	22	9	1	48	4	13	18	21	48	5	23	18	14	9
16	16	26	6	23	10	3	28	6	14	18	26	9	6	24	20	16	56
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24
16	37	43	11	28	15	12	31	17	21	18	47	51	11	29	28	29	53
16	41	59	12	29	16	14	30	19	22	18	53	11	12	30	30	30	19
16	46	16	13	30	17	16	31	21	24	18	58	31	13	31	32	4	40
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	3	6	58
16	54	53	15	2	20	20	49	25	26	19	5	8	15	4	4	9	11
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29
17	7	49	18	5	23	27	41	30	29	19	18	1	18	8	10	15	30
17	12	9	19	6	24	29	7	3	30	19	22	18	19	9	12	17	29
17	16	29	20	7	25	3	36	3	31	19	26	34	20	10	14	19	24
17	20	49	21	8	27	5	9	5	32	19	30	50	21	12	16	21	16
17	25	9	22	9	29	7	44	7	33	19	35	5	22	13	18	23	5
17	29	30	23	10	30	10	23	8	34	19	39	20	23	14	20	24	51
17	33	51	24	11	1	13	4	10	35	19	43	34	24	15	22	26	32
17	38	12	25	12	3	15	51	12	36	19	47	47	25	17	24	28	13
17	43	34	26	13	4	18	37	14	37	19	53	0	26	18	26	30	40
17	46	55	27	14	5	21	25	15	38	19	56	13	27	19	28	32	11
17	51	17	28	15	7	24	14	17	39	20	0	24	28	20	30	34	25
17	55	38	29	16	8	27	7	19	40	20	4	35	29	21	1	2	51
18	0	0	30	17	10	30	0	20	41	20	8	45	30	23	3	5	47
Right Asc. of Meridian.			10	11	12	Ascen of	2	3	Right Asc. of Meridian.			10	11	12	Ascen of	2	3
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''
20	3	45	0	23	3	5	47	26	13	22	8	23	0	3	23	6	56
20	12	54	1	24	5	7	10	28	14	22	13	13	1	4	24	7	44
20	17	3	2	25	7	8	33	28	15	22	16	0	2	5	25	8	31
20	21	11	3	27	9	9	50	29	16	22	19	48	3	7	26	9	17
20	25	19	4	28	11	11	7	35	17	22	23	35	4	8	27	10	3
20	29	26	5	29	13	13	23	1	18	22	27	23	5	9	28	10	50
20	33	31	6	30	15	15	39	2	19	22	31	9	6	10	11	11	35
20	37	37	7	31	17	17	50	3	20	22	34	54	7	12	1	12	23
20	41	41	8	32	19	19	6	4	21	22	38	40	8	13	3	13	6
20	45	45	9	33	21	21	7	5	22	22	42	25	9	14	5	13	49
20	49	49	10	34	23	23	18	6	23	22	46	9	10	16	4	14	33
20	53	51	11	35	25	25	23	7	24	22	49	53	11	17	5	15	17
20	57	53	12	36	27	27	30	8	25	22	53	37	12	18	7	16	9
21	1	53	13	37	29	29	37	9	26	22	57	20	13	20	8	16	43
21	5	53	14	38	31	31	44	10	27	23	1	8	14	21	9	17	25
21	9	53	15	39	33	33	51	11	28	23	4	46	15	22	10	18	7
21	13	53	16	40	35	35	58	12	29	23	8	28	16	23	11	18	49
21	17	50	17	41	37	37	65	13	30	23	12	10	17	24	12	19	31
21	21	47	18	42	39	39	72	14	31	23	15	53	18	25	13	20	12
21	25	44	19	43	41	41	79	15	32	23	19	34	19	27	14	20	53
21	29	40	20	44	43	43	86	16	33	23	23	15	20	28	15	21	34
21	33	35	21	45	45	45	93	17	34	23	26	56	21	29	16	22	14
21	37	29	22	46	47	47	100	18	35	23	30	37	22	30	17	23	53
21	41	23	23	47	49	49	107	19	36	23	34	18	23	31	18	24	39
21	45	16	24	48	51	51	114	20	37	23	37	58	24	32	19	24	15
21	49	9	25	49	53	53	121	21	38	23	41	39	25	33	20	24	53
21	53	1	26	50	55	55	128	22	39	23	45	19	26	34	21	25	39
21	56	53	27	51	57	57	135	23	40	23	49	0	27	35	22	26	11
22	0	48	28	52	59	59	142	24	41	23	53	40	28	36	23	26	59
22	4	39	29	53	61	61	149	25	42	23	57	29	29	37	24	27	37
22	8	30	30	54	63	63	156	26	43	23	61	15	30	38	25	27	25

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For 1853.

(REVISED AND CORRECTED.)



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1882.

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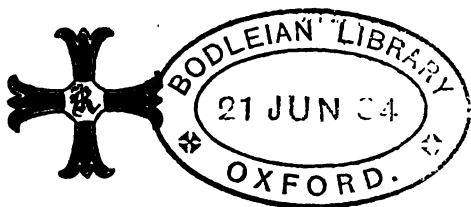
RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE

PLANETS' PLACES

For 1853.

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JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	18	0 8 28	12 N 37	2 S 25	12 N 53	0 N 36	21 S 39
4	16	18	0 28	12 37	2 24	12 53	0 36	21 44
7	16	18	0 28	12 37	2 23	12 53	0 36	21 49
10	16	18	0 28	12 36	2 22	12 54	0 36	21 53
13	16	18	0 27	12 36	2 21	12 54	0 36	21 57
16	16	18	0 27	12 37	2 20	12 56	0 36	22 1
19	16	17	0 27	12 37	2 19	12 57	0 36	22 5
22	16	17	0 27	12 38	2 18	12 59	0 36	22 9
25	16	17	0 27	12 38	2 17	13 1	0 36	22 12
28	16	16	0 27	12 39	2 16	13 8	0 36	22 16
31	16	16	0 27	12 40	2 16	13 6	0 36	22 19

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	18 44 12	11 4 21	23 S 0	22 53	5 N 15	7 N 39	4 8 35
2	S	18 48 8	12 5 31	22 54	6 44	5 13	2 7	4 8 34
3	M	18 52 5	13 6 41	22 49	20 47	4 53	3 8 35	4 3 34
4	Tu	18 56 1	14 7 51	22 42	5 2	4 15	9 12	4 3 33
5	W	18 59 58	15 9 2	22 36	19 24	3 21	14 22	4 3 33
6	Th	19 3 55	16 10 12	22 29	3 53	2 13	18 46	4 3 33
7	F	19 7 51	17 11 23	22 21	18 23	0 57	22 0	4 3 32
8	S	19 11 48	18 12 38	22 13	2 49	0 8	23 48	4 3 33
9	S	19 15 44	19 13 43	22 3	17 6	1 40	24 1	4 3 32
10	M	19 19 41	20 14 53	21 56	1 9	2 49	22 40	4 3 32
11	Tu	19 23 37	21 16 2	21 47	14 53	3 48	20 1	4 3 32
12	W	19 27 34	22 17 11	21 37	28 15	4 32	16 20	4 D 32
13	Th	19 31 30	23 18 20	21 27	11 16	5 0	11 58	4 3 32
14	F	19 35 27	24 19 27	21 16	23 56	5 13	7 12	4 3 32
15	S	19 39 24	25 20 34	21 5	6 17	5 11	2 16	4 3 32
16	S	19 43 20	26 21 41	20 54	18 24	4 55	2 N 40	4 3 32
17	M	19 47 17	27 22 46	20 42	0 20	4 27	7 26	4 3 33
18	Tu	19 51 13	28 23 50	20 30	12 10	3 47	11 54	4 3 33
19	W	19 55 10	29 24 53	20 17	24 0	2 58	15 55	4 3 33
20	Th	19 59 6	0 25 56	20 4	5 55	2 0	19 20	4 3 34
21	F	20 3 8	1 26 57	19 51	17 59	0 57	21 58	4 3 34
22	S	20 6 59	2 27 57	19 38	0 15	0 N 10	23 37	4 3 34
23	S	20 10 56	3 28 57	19 24	12 47	1 17	24 8	4 3 35
24	M	20 14 53	4 29 55	19 9	25 36	2 23	23 22	4 3 36
25	Tu	20 18 49	5 30 53	18 54	8 43	3 22	21 20	4 3 36
26	W	20 22 46	6 31 50	18 39	22 7	4 11	18 6	4 3 37
27	Th	20 26 42	7 32 45	18 24	5 45	4 47	18 51	4 3 38
28	F	20 30 39	8 33 40	18 8	19 35	5 6	8 49	4 3 39
29	S	20 34 35	9 34 35	17 52	3 34	5 8	3 17	4 3 39
30	S	20 38 32	10 35 28	17 36	17 38	4 51	2 S 26	4 4 40
31	M	20 42 28	11 36 21	17 19	1 45	4 17	3 4	4 4 41

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 58	23 20	1 N 28	20 21	2 N 52	20 16	28 ♀ 8
4	0 59	23 2	1 21	20 59	2 30	20 42	27 58
7	1 0	22 42	1 15	21 31	2 4	21 15	27 49
10	1 0	22 19	1 7	21 58	1 36	21 48	27 39
13	1 1	21 54	1 0	22 20	1 9	22 19	27 29
16	1 2	21 26	0 51	22 35	0 41	22 43	27 20
19	1 3	20 57	0 42	22 45	0 16	23 0	27 10
22	1 3	20 25	0 34	22 48	0 8 7	23 8	27 1
25	1 4	19 52	0 26	22 45	0 35	23 6	26 51
28	1 4	19 16	0 17	22 36	0 52	22 53	26 42
31	1 4	18 39	0 9	22 21	1 11	22 28	26 32

D M	♄		♅		♆		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☾	♄	♅	♆	♁	♂
	° /	° /	° /	° /	° /	° /		°	°	°	°	°	°
1	11 8	11 58	17 4	8 53	20 43	20 43	☉ Δ ♄					Δ	□
2	11 8	11 12	17 10	8 20	20 59	20 59	☉ ∇ ♄	□			*	*	*
3	11 6	12 23	18 37	11 22	21 22	21 22	♄ ☿ ♀		♄	♄			*
4	11 5	12 36	19 24	12 36	21 53	21 53		*			*		
5	11 4	12 48	20 10	13 50	22 29	22 29					*		
6	11 4	13 1	20 57	15 4	23 11	23 11							
7	11 3	13 13	21 43	16 18	23 57	23 57					♄	♄	♄
8	11 3	13 25	22 30	17 33	24 49	24 49		♄	Δ				
9	11 3	13 37	23 17	18 47	25 43	25 43		♄	Δ		♄		
10	11 2	13 50	24 3	20 1	26 42	26 42	♄ ☿ ♀	□					
11	11 2	14 2	24 50	21 16	27 43	27 43							
12	11 2	14 14	25 38	22 30	28 48	28 48		*			*	*	*
13	11 D	14 26	26 25	23 44	29 55	29 55			*				
14	11 2	14 38	27 12	24 59	1 4	1 4		*			*	□	
15	11 3	14 49	27 58	26 13	2 15	2 15	♄ ☿ ♀						□
16	11 3	15 1	28 45	27 27	3 28	3 28					Δ		
17	11 4	15 13	29 32	28 42	4 43	4 43	♄ Δ ♀	□	♄			□	Δ
18	11 4	15 24	0 19	29 57	5 59	5 59	♄ ∇ ♀			♄			
19	11 5	15 36	1 6	1 11	7 17	7 17	♄ ∇ ♀	Δ				Δ	
20	11 5	15 47	1 53	2 2	8 36	8 36	☉ ∇ ♄						
21	11 6	15 59	2 40	3 40	9 56	9 56					♄		
22	11 7	16 10	3 27	4 54	11 18	11 18	♄ Δ ♀		*			♄	
23	11 9	16 21	4 14	6 9	12 40	12 40	♄ ☿ ♀			*			♄
24	11 10	16 32	5 2	7 23	14 4	14 4	☉ ☿ ♀						
25	11 12	16 43	5 49	8 38	15 28	15 28		♄	□	□		♄	
26	11 13	16 54	6 36	9 52	16 54	16 54	☉ ☿ ♀				Δ		
27	11 15	17 5	7 23	11 6	18 20	18 20	♄ Δ ♀		Δ	Δ			Δ
28	11 16	17 16	8 10	12 21	19 47	19 47					□		Δ
29	11 18	17 26	8 57	13 35	21 15	21 15		Δ			*		
30	11 20	17 37	9 45	14 51	22 44	22 44					*	□	□
31	11 23	17 47	10 31	16 5	24 14	24 14	☉ ☿ ♀		♄				

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia		Herschel.		Saturn.		Jupiter.				
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.			
		"	°	'		°	'	°	'		
1	16	16	0 8	27	12 N 41	2 8	15	13 N 7	0 N 35	22 8	19
4	16	15	0	27	12 42	2	15	13 10	0 35	22	22
7	16	15	0	27	12 43	2	14	13 13	0 35	22	25
10	16	14	0	27	12 45	2	13	13 17	0 35	22	27
13	16	14	0	27	12 46	2	13	13 21	0 35	22	29
16	16	13	0	27	12 48	2	12	13 25	0 35	22	31
19	16	12	0	26	12 50	2	11	13 29	0 35	22	33
22	16	12	0	26	12 52	2	10	13 33	0 35	22	35
25	16	11	0	26	12 54	2	9	13 38	0 35	22	36
28	16	10	0	26	12 56	2	8	13 43	0 35	22	37

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	20 46 25	12 37 13	17 8	2 15 53	3 N 27	13 8 18	4 43
2	W	20 50 21	13 38 4	16 45	0 1	2 25 17	49	4 44
3	Th	20 54 18	14 38 54	16 27	14 6	1 14 21	18	4 45
4	F	20 58 15	15 39 43	16 9	28 8	0 8 23	28	4 46
5	S	21 2 11	16 40 31	15 51	12 6	1 16 24	10	4 47
6	S	21 6 8	17 41 18	15 33	25 55	2 25 23	22	4 48
7	M	21 10 4	18 42 4	15 14	9 35	3 25 21	10	4 50
8	Tu	21 14 1	19 42 49	14 55	23 1	4 12 17	49	4 51
9	W	21 17 57	20 43 31	14 36	6 13	4 45 13	39	4 53
10	Th	21 21 54	21 44 13	14 16	19 7	5 2 8	57	4 54
11	F	21 25 50	22 44 54	13 57	1 44	5 4 3	58	4 55
12	S	21 29 47	23 45 32	13 37	14 4	4 52 1 N	4	4 57
13	S	21 33 44	24 46 9	13 17	26 10	4 27 5	58	4 59
14	M	21 37 40	25 46 44	12 56	8 7	3 50 10	36	5 1
15	Tu	21 41 37	26 47 18	12 36	19 57	3 3 14	48	5 2
16	W	21 45 33	27 47 49	12 15	1 46	2 9 18	25	5 4
17	Th	21 49 30	28 48 19	11 54	13 40	1 9 21	19	5 6
18	F	21 53 26	29 48 47	11 33	25 44	0 5 23	18	5 8
19	S	21 57 23	0 49 13	11 11	8 3	1 N 0 24	13	5 10
20	S	22 1 19	1 49 37	10 50	20 41	2 4 23	55	5 12
21	M	22 5 16	2 49 59	10 28	3 41	3 3 22	19	5 14
22	Tu	22 9 12	3 50 20	10 7	17 4	3 54 19	27	5 16
23	W	22 13 9	4 50 38	9 45	0 50	4 33 15	26	5 18
24	Th	22 17 6	5 50 55	9 22	14 56	4 56 10	30	5 20
25	F	22 21 2	6 51 11	9 0	29 15	5 1 4	54	5 22
26	S	22 24 59	7 51 25	8 38	13 42	4 47 1 S	0	5 24
27	S	22 28 55	8 51 37	8 15	28 10	4 15 6	52	5 26
28	M	22 32 52	9 51 47	7 53	12 35	3 26 12	21	5 28

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 4	18 S 26	0 N 7	22 S 14	1 S 17	22 S 17	26 □ 29
4	1 5	17 46	0 S 2	21 51	1 33	21 37	26 19
7	1 5	17 4	0 10	21 21	1 46	20 44	26 10
10	1 5	16 21	0 18	20 46	1 56	19 39	26 0
13	1 5	15 36	0 26	20 6	2 3	18 21	25 51
16	1 5	14 50	0 33	19 20	2 6	16 50	25 41
19	1 5	14 3	0 40	18 29	2 6	15 7	25 32
22	1 5	13 14	0 47	17 33	2 1	13 11	25 22
25	1 4	12 24	0 53	16 33	1 52	11 2	25 13
28	1 4	11 33	0 59	15 29	1 39	8 42	25 3

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	°	'	°	'	°									
1	11 8 25	17 7 58	11 18 17	17 20 25	13 43	h □ ♂	□		♂			□	*	*
2	11 27 18	8 12	6 18	34 27	15 24	♄ √ ♀	*					♂	*	*
3	11 29 18	18 12	53 19	49 28	47							♂	*	
4	11 32 18	28 13	40 21	3 0	20			Δ						
5	11 34 18	38 14	28 22	18 1	54				Δ					
6	11 37 18	49 15	15 23	32 3	28								♂	♂
7	11 40 18	59 16	22 24	47 5	3	☉ * ♄	♂	□	□			♂		♂
8	11 43 19	8 16	49 26	2 6	39									
9	11 46 19	17 17	37 27	16 8	16			*	*					
10	11 49 19	27 18	24 28	31 9	53					☐				
11	11 52 19	36 19	12 29	46 11	32	h □ ♀							*	*
12	11 56 19	46 19	59 1	11 0	13	♄ * ♂	*				Δ	*	*	*
13	11 59 19	55 20	47 2	15 14	51									
14	12 3 20	4 21	34 3	29 16	32			♂	♂				□	□
15	12 6 20	12 23	21 4	44 18	14	♄ □ ♀							□	□
16	12 10 20	21 23	9 5	58 19	57	♄ * ♀	□							
17	12 14 20	29 23	56 7	13 21	41									
18	12 18 20	38 24	43 8	29 23	25		Δ				♂	Δ		Δ
19	12 22 20	46 25	31 9	42 25	10	♂ ♂ ♀		*	*					
20	12 26 20	55 26	18 10	57 26	57									
21	12 30 21	3 27	5 12	11 28	45	h □ ♀		□						
22	12 34 21	11 27	53 13	26 0	33	♄ * ♂							♂	♂
23	12 39 21	18 28	40 14	41 2	23	☉ * ♄	♂	Δ		□	Δ	♂	♂	♂
24	12 43 21	26 29	27 15	55 4	13					Δ	☐			
25	12 47 21	34 0	14 17	10 6	4	♄ * ♀								
26	12 52 21	41 1	1 18	24 7	56	☉ ♂ ♀							Δ	
27	12 57 21	48 1	49 19	39 9	49							*	Δ	
28	13 2 21	56 2	37 20	54 11	43		Δ	♂	♂			*		Δ

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	10	08 26	12 N57	28 8	13 N45	0 N36	22 8 36
4	16	9	0 26	12 59	2 7	13 50	0 36	22 33
7	16	8	0 26	13 2	2 7	13 55	0 36	22 40
10	16	8	0 26	13 5	2 6	14 1	0 36	22 41
13	16	7	0 26	13 8	2 6	14 6	0 36	22 42
16	16	6	0 26	13 10	2 5	14 12	0 36	22 42
19	16	5	0 26	13 13	2 5	14 18	0 36	22 42
22	16	4	0 26	13 16	2 4	14 24	0 36	22 42
25	16	4	0 26	13 19	2 3	14 30	0 36	22 42
28	16	3	0 26	13 22	2 3	14 36	0 36	22 42
31	16	2	0 26	13 25	2 2	14 43	0 36	22 42

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	°	°	° ' "	° ' "
1	Tu	22 36 48	10 x 51 56	7 8 30	26 m 51	2 N25	17 S 7	5 x 31
2	W	22 40 45	11 52 4	7 7 10	26 f 58	1 16 20	51	5 33
3	Th	22 44 41	12 52 10	6 44 24	54	0 3 23	19	5 35
4	F	22 48 38	13 52 14	6 21 8	39	1 8 9	24 20	5 37
5	S	22 52 35	14 52 17	5 58 22	14	2 17 23	52	5 39
6	S	22 56 31	15 52 18	5 35	6 m 38	3 15 22	2	5 41
7	M	23 0 28	16 52 17	5 11 18	53	4 3 19	1	5 44
8	Tu	23 4 24	17 52 15	4 48 1	x 57	4 36 15	5	5 47
9	W	23 8 21	18 52 11	4 24 14	48	4 55 10	32	5 49
10	Th	23 12 17	19 52 5	4 1 27	28	5 0 5 35	5	5 52
11	F	23 16 14	20 51 56	3 37 9	r 54	4 49 0	30	5 54
12	S	23 20 10	21 51 46	3 14 22	8	4 25 4	N31	5 57
13	S	23 24 7	22 51 34	2 50 4	10	3 50 9	18	6 0
14	M	23 28 4	23 51 19	2 27 16	4	3 5 13	42	6 3
15	Tu	23 32 0	24 51 3	2 3 27	53	2 12 17	33	6 6
16	W	23 35 57	25 50 44	1 39 9	11 41	1 14 20	42	6 9
17	Th	23 39 53	26 50 22	1 15 21	33	0 12 23	0	6 12
18	F	23 43 50	27 49 59	0 52 3	35	0 N52	24 17	6 15
19	S	23 47 46	28 49 33	0 28 15	52	1 54 24	25	6 18
20	S	23 51 43	29 49 4	0 4 28	30	2 53 23	18	6 21
21	M	23 55 39	0 r 48 34	0 N19	11 32	3 44 20	56	6 24
22	Tu	23 59 36	1 48 1	0 43 25	2	4 25 17	21	6 27
23	W	0 3 33	2 47 26	1 7 8	m 59	4 52 12	43	6 30
24	Th	0 7 29	3 46 49	1 30 23	21	5 1 7	15	6 33
25	F	0 11 26	4 46 10	1 54 8	1	4 51 1	16	6 36
26	S	0 15 22	5 45 29	2 17 22	54	4 21 4	S 52	6 39
27	S	0 19 19	6 44 46	2 41 7	m 48	3 33 10	46	6 42
28	M	0 23 15	7 44 1	3 4 22	36	2 31 16	0	6 45
29	Tu	0 27 12	8 43 14	3 28 7	f 12	1 20 20	13	6 48
30	W	0 31 8	9 42 26	3 51 21	31	0 5 23	6	6 51
31	Th	0 35 5	10 41 35	4 14 5	v 31	1 8 9	24 29	6 53

1853.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

7

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 4	11 8 16	18 1	15 8 6	18 33	7 8 52	25 ♀ 0
4	1 4	10 24	1 6	13 57	1 12	5 18	24 51
7	1 3	9 30	1 11	12 44	0 47	2 36	24 41
10	1 3	8 37	1 15	11 28	0 16	0 N 10	24 31
13	1 2	7 42	1 19	10 9	0 N 19	2 56	24 22
16	1 2	6 47	1 22	8 48	0 57	5 34	24 12
19	1 1	5 51	1 24	7 24	1 35	7 56	24 3
22	1 1	4 55	1 26	5 59	2 11	9 57	23 53
25	1 0	3 59	1 27	4 32	2 41	11 31	23 44
28	0 59	3 3	1 27	3 5	3 4	12 33	23 34
31	0 58	2 6	1 28	1 36	3 16	13 0	23 25

D M	♄	♅	♆	♇	♈	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♅	♆	♇	♈	♉
	° /	° /	° /	° /	° /									
1	13 8 6	22 1 3	3 25	22 38	13 38	♄ * ♀					☐	☐		
2	13 11 22	10 4	12 23	23 15	33		☐							☐
3	13 16 22	16 4	59 24	37 17	29	☉ * ♄				♄		*		
4	13 21 22	23 5	46 25	52 19	25	♄ * ♄	*	Δ	Δ		*			*
5	13 27 22	29 6	33 27	6 21	22									*
6	13 32 22	35 7	21 28	21 23	19	♄ ☐ ♀		☐						
7	13 37 22	41 8	8 29	86 25	16				☐	*				
8	13 43 22	47 8	55 0	50 27	12		♄	*				♄		
9	13 48 22	53 9	42 2	4 29	8		♄		*		♄		♄	
10	13 54 22	59 10	29 3	18 1	3					☐				♄
11	13 59 23	4 11	17 4	33 2	56									
12	14 5 23	10 12	4 5	48 4	48	♄ * ♀				Δ				
13	14 11 23	15 12	52 7	3 6	38	☉ ☐ ♄	♄				*		*	
14	14 16 23	20 13	39 8	17 8	26				♄		*			
15	14 22 23	25 14	26 9	32 10	10	♄ * ♄	*							
16	14 28 23	29 15	13 10	46 11	51							☐	*	
17	14 34 23	34 16	0 12	0 13	28		☐			♄	☐			*
18	14 40 23	38 16	47 13	15 15	1			*				Δ	Δ	☐
19	14 47 23	42 17	34 14	30 16	28	♄ * ♀	Δ		*					
20	14 53 23	46 18	21 15	44 17	51									
21	14 59 23	50 19	8 16	58 19	8			☐	☐					
22	15 5 23	53 19	55 18	12 20	18					Δ				Δ
23	15 12 23	57 20	42 19	27 21	23			Δ	Δ					
24	15 18 24	0 21	29 20	41 22	20					☐	♄	♄		
25	15 25 24	3 22	16 21	56 23	11		♄							
26	15 31 24	6 23	3 23	10 23	55	♄ ☉ ♀				*				♄
27	15 38 24	9 23	50 24	25 24	31	♄ ☐ ♀		♄						
28	15 44 24	12 24	37 25	39 25	1				♄			Δ	Δ	
29	15 51 24	14 25	23 26	53 25	23		Δ							
30	15 58 24	16 26	10 28	7 25	87					♄	☐		Δ	
31	16 5 24	18 26	57 29	22 25	44		☐	Δ			☐			

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	'	"	°	'	°	'	°	'
1	16	2	08 25	13 N 27	28 2	14 N 45	0 N 36	22 54
4	16	1	0 25	13 30	2 2	14 51	0 36	22 5
7	16	0	0 25	13 33	2 1	14 58	0 36	22 4
10	15	59	0 25	13 36	2 1	15 4	0 36	22 4
13	15	58	0 25	13 40	2 1	15 10	0 36	22 4
16	15	58	0 25	13 43	2 0	15 17	0 36	22 4
19	15	57	0 25	13 46	2 0	15 23	0 36	22 4
22	15	56	0 25	13 50	2 0	15 30	0 36	22 4
25	15	55	0 25	13 53	1 59	15 36	0 35	22 4
28	15	55	0 25	13 56	1 59	15 43	0 35	22 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	☽ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	0 39 2	11 40 43	4 N 37	19 w 13	28 17	24 S 21	6 4
2	S	0 42 58	12 39 49	5 0	2 w 38	3 16	22 46	7
3	S	0 46 55	13 38 54	5 23	15 48	4 4	20 0	7
4	M	0 50 51	14 37 56	5 46	28 44	4 38	16 16	7
5	Tu	0 54 48	15 36 57	6 9	11 x 27	4 58	11 51	7
6	W	0 58 44	16 35 56	6 32	24 0	5 2	7 1	7
7	Th	1 2 41	17 34 53	6 54	6 r 22	4 53	1 57	7
8	F	1 6 37	18 33 48	7 17	18 35	4 33	3 N 7	7
9	S	1 10 34	19 32 41	7 39	0 8 39	3 55	8 2	7
10	S	1 14 30	20 31 32	8 1	12 35	3 10	12 30	7
11	M	1 18 27	21 30 21	8 23	24 25	2 17	16 40	7
12	Tu	1 22 24	22 29 7	8 45	6 n 12	1 19	20 4	7
13	W	1 26 20	23 27 52	9 7	18 0	0 16	22 39	7
14	Th	1 30 17	24 26 34	9 29	29 51	0 N 47	24 15	7
15	F	1 34 13	25 25 14	9 50	11 s 52	1 50	24 45	7
16	S	1 38 10	26 23 52	10 12	24 8	2 48	24 4	7
17	S	1 42 6	27 22 28	10 33	6 Ω 43	3 41	22 10	7
18	M	1 46 3	28 21 10	10 54	19 41	4 23	19 5	7
19	Tu	1 50 0	29 19 32	11 15	3 w 8	4 53	14 55	7
20	W	1 53 56	0 18 1	11 35	17 4	5 7	9 49	8
21	Th	1 57 53	1 16 28	11 56	1 s 28	5 2	4 2	8
22	F	2 1 49	2 14 53	12 16	16 16	4 38	28 8	8
23	S	2 5 46	3 13 16	12 36	1 m 20	3 53	8 18	8
24	S	2 9 42	4 11 37	12 56	16 31	2 52	14 2	8
25	M	2 13 39	5 9 57	13 15	1 f 38	1 39	18 53	8
26	Tu	2 17 35	6 8 15	13 35	16 33	0 20	22 27	8
27	W	2 21 32	7 6 31	13 54	1 w 10	0 S 59	24 26	8
28	Th	2 25 28	8 4 45	14 13	15 24	2 12	24 45	8
29	F	2 29 25	9 2 59	14 31	29 13	3 15	23 31	8
30	S	2 33 22	10 1 10	14 50	12 w 40	4 6	20 57	8

1853.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

9

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 58	18 47	18 28	18 6	3 N 17	13 N 1	23 II 22
4	0 57	0 50	1 27	0 N 23	8 11	12 41	23 12
7	0 56	0 N 6	1 25	1 52	2 51	11 49	23 3
10	0 55	1 3	1 24	3 21	2 19	10 33	22 58
13	0 54	1 59	1 22	4 50	1 35	9 2	22 43
16	0 53	2 55	1 19	6 17	0 46	7 30	22 34
19	0 51	3 50	1 15	7 44	08 4	6 8	22 24
22	0 50	4 45	1 11	9 9	0 51	5 3	22 15
25	0 49	5 39	1 7	10 32	1 32	4 21	22 5
28	0 47	6 38	1 3	11 52	2 7	4 3	21 56

D. M.	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	16 11	24 20	27 44	0 36	25 45				Δ				□
2	16 18	24 22	28 30	1 51	25 37			□				*	*
3	16 25	24 23	29 17	3 5	25 24		*		□				
4	16 32	24 24	0 4	4 19	25 4						*		*
5	16 39	24 25	0 50	5 33	24 40	♄ Δ ☿		*	*				
6	16 46	24 26	1 37	6 48	24 9					□			
7	16 53	24 27	2 24	8 23	23 34		♈					♈	♈
8	17 02	24 28	3 10	9 16	22 56					Δ			♈
9	17 07	24 28	3 57	10 31	22 15			♈					
10	17 15	24 28	4 43	11 45	21 32			♈	♈				
11	17 22	24 28	5 29	12 59	20 47	☉ ☉ ☿							
12	17 29	24 28	6 16	14 13	20 2							*	*
13	17 37	24 28	7 2	15 27	19 18								*
14	17 44	24 27	7 48	16 41	18 35	☉ Δ ♄	*				♈		*
15	17 51	24 26	8 35	17 56	17 54	☿ ☉ ☿		*	*		□		□
16	17 59	24 25	9 21	19 10	17 16		□						□
17	18 6	24 24	10 7	20 24	16 40			□				Δ	
18	18 14	24 22	10 53	21 38	16 9				□	Δ			Δ
19	18 21	24 21	11 39	22 52	15 42		Δ	Δ					
20	18 28	24 19	12 25	24 6	15 19				Δ				
21	18 36	24 17	13 11	25 20	15 1	☿ Δ ♄				□			
22	18 44	24 15	13 57	26 34	14 48						♈		♈
23	18 51	24 13	14 43	27 48	14 40	♈ ☉ ☿	♈	♈		*		♈	♈
24	18 59	24 10	15 29	29 2	14 D 36				♈				
25	19 6	24 8	16 15	0 16	14 38								
26	19 14	24 5	1 1	30 14	45							Δ	Δ
27	19 22	24 2	17 48	2 44	14 56		Δ				♈		Δ
28	19 29	23 59	18 32	3 58	15 13			Δ	Δ			□	□
29	19 37	23 55	19 18	5 12	15 33	☉ ☉ ☿						□	
30	19 44	23 52	20 4	6 27	15 59		□	□					*

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 54	0 8 25	14 N 0	1 8 59	15 N 49	0 N 35	22 S 43
4	15 53	0 25	14 3	1 58	15 55	0 35	22 43
7	15 53	0 25	14 6	1 58	16 2	0 35	22 42
10	15 52	0 25	14 10	1 58	16 8	0 35	22 42
13	15 51	0 25	14 13	1 58	16 14	0 35	22 41
16	15 51	0 25	14 16	1 58	16 20	0 35	22 40
19	15 50	0 25	14 19	1 58	16 26	0 34	22 40
22	15 50	0 25	14 22	1 58	16 32	0 34	22 39
25	15 49	0 25	14 26	1 58	16 38	0 34	22 38
28	15 49	0 25	14 29	1 58	16 44	0 34	22 37
31	15 48	0 25	14 31	1 58	16 49	0 34	22 35

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	S	2 37 18	10 8 59 20	15 N 8	25 46	4 S 43	17 S 22	8 38
2	M	2 41 15	11 57 29	16 26	8 33	5 41	13 4	8 41
3	Tu	2 45 11	12 55 37	15 44	21 6	5 11	8 17	8 45
4	W	2 49 8	13 53 43	16 1	3 25	5 2	3 16	8 48
5	Th	2 53 4	14 51 47	16 19	15 34	4 41	1 N 49	8 52
6	F	2 57 1	15 49 50	16 35	27 35	4 7	6 47	8 55
7	S	3 0 57	16 47 51	16 52	9 30	3 22	11 28	8 59
8	S	3 4 54	17 45 51	17 9	21 20	2 29	15 43	9 2
9	M	3 8 51	18 43 50	17 25	3 8	1 29	19 20	9 6
10	Tu	3 12 47	19 41 46	17 40	14 55	0 26	22 10	9 9
11	W	3 16 44	20 39 41	17 56	26 45	0 N 39	24 4	9 13
12	Th	3 20 40	21 37 35	18 11	8 40	1 43	24 53	9 16
13	F	3 24 37	22 35 26	18 26	20 45	2 43	24 32	9 20
14	S	3 28 33	23 33 16	18 41	3 52	3 36	23 0	9 23
15	S	3 32 30	24 31 4	18 55	15 36	4 21	20 19	9 27
16	M	3 36 26	25 28 51	19 9	28 32	4 54	16 35	9 30
17	Tu	3 40 23	26 26 35	19 22	11 53	5 12	11 55	9 33
18	W	3 44 20	27 24 18	19 36	25 41	5 14	6 31	9 36
19	Th	3 48 16	28 22 0	19 49	9 56	4 56	0 36	9 40
20	F	3 52 13	29 19 40	20 1	24 36	4 19	5 S 31	9 43
21	S	3 56 9	0 17 18	20 14	9 36	3 23	11 29	9 46
22	S	4 0 6	1 14 56	20 26	24 47	2 13	16 50	9 50
23	M	4 4 2	2 12 32	20 37	10 7	0 53	21 6	9 53
24	Tu	4 7 59	3 10 7	20 48	25 6	0 S 31	23 53	9 56
25	W	4 11 55	4 7 40	20 58	9 55	1 50	24 55	10 0
26	Th	4 15 52	5 5 13	21 10	24 22	3 1	24 14	10 4
27	F	4 19 49	6 2 45	21 20	8 24	3 59	22 1	10 7
28	S	4 23 45	7 0 16	21 30	21 59	4 41	18 37	10 10
29	S	4 27 42	7 57 46	21 39	5 9	5 7	14 23	10 13
30	M	4 31 38	8 55 15	21 48	17 56	5 17	9 38	10 16
31	Tu	4 35 35	9 52 44	21 57	0 25	5 11	4 36	10 19

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	08 45	7 N 26	08 57	13 N 11	28 34	4 N 7	21 ♀ 46
4	0 44	8 19	0 52	14 26	2 54	4 31	21 37
7	0 43	9 10	0 46	15 38	3 6	5 14	21 27
10	0 42	10 0	0 40	16 47	3 12	6 13	21 18
13	0 40	10 50	0 33	17 52	3 11	7 27	21 8
16	0 37	11 38	0 27	18 53	3 5	8 52	20 59
19	0 35	12 26	0 20	19 49	2 53	10 27	20 49
22	0 34	13 12	0 13	20 40	2 36	12 10	20 40
25	0 32	13 57	0 6	21 27	2 13	13 59	20 30
28	0 30	14 40	0 N 2	22 7	1 46	15 52	20 20
31	0 28	15 22	0 9	22 43	1 19	17 45	20 11

D M	h	♄	♅	♆	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° ,	° ,	° ,	° ,	° ,							
1	19 52	23 48	20 49	7 41	16 28							
2	20 02	23 44	21 35	8 54	17 1	♈ ☿ ♀	*	*		*	*	*
3	20 8	23 40	22 10	8 17	39				*	□		
4	20 15	23 36	23 6	11 22	18 20							
5	20 23	23 32	23 51	12 36	19 5	♄ Δ ♄						♈
6	20 31	23 27	24 37	13 50	19 53					Δ	♈	
7	20 39	23 23	25 22	15 4	20 45		♈	♈				
8	20 46	23 18	26 7	16 18	21 40				♈			♈
9	20 54	23 13	26 52	17 32	22 38							
10	21 2	23 8	27 38	18 46	23 39	♄ Δ ♄						
11	21 10	23 2	28 23	20 0	24 44							
12	21 17	22 57	29 8	21 14	25 51	♈ ☿ ♀	*	*		♈	*	*
13	21 25	22 51	29 53	22 28	27 1	☉ ☿ ♀	*	*			*	
14	21 33	22 46	0 38	23 42	28 13					□		□
15	21 40	22 40	1 23	24 55	29 28		□	□				
16	21 48	22 34	2 7	26 9	0 46		□			Δ	Δ	□ Δ
17	21 56	22 28	2 52	27 23	2 6			Δ				
18	22 4	22 22	3 37	28 37	3 28	♈ ☿ ♄	Δ		Δ	□		Δ
19	22 11	22 15	4 22	29 51	4 53							
20	22 19	22 9	5 6	1 5	6 21					*		
21	22 27	22 2	5 51	2 18	7 51			♈			♈	♈
22	22 35	21 56	6 35	3 32	9 23	♈ ☿ ♄	♈	♈				♈
23	22 42	21 49	7 20	4 46	10 57							
24	22 50	21 42	8 5	6 0	12 34					♈		♈
25	22 58	21 35	8 49	7 13	14 13			Δ			Δ	Δ
26	23 5	21 28	9 33	8 27	15 55				Δ			
27	23 13	21 21	10 17	9 41	17 39	♈ ☿ ♄	Δ	□			□	Δ
28	23 21	21 14	11 2	10 55	19 25				□	*		□
29	23 28	21 7	11 46	12 8	21 13		□	*				
30	23 36	21 0	12 30	13 22	23 5	♈ ☿ ♄			*	□	*	□ *
31	23 43	20 52	13 14	14 36	24 58							

JUNE XXX DAYS.

D M	Sun's Semidia.			Herschel.		Saturn.		Jupiter.	
				Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	48	0	8 25	14 N 32	1 58	16 N 51	0 N 33	22 35
4	15	48	0	25	14 35	1 58	16 56	0 33	22 34
7	15	47	0	25	14 38	1 58	17 2	0 32	22 32
10	15	47	0	25	14 41	1 58	17 7	0 32	22 31
13	15	47	0	25	14 43	1 58	17 12	0 32	22 30
16	15	46	0	25	14 46	1 58	17 17	0 31	22 28
19	15	46	0	25	14 48	1 58	17 22	0 31	22 27
22	15	46	0	25	14 51	1 59	17 26	0 31	22 25
25	15	46	0	25	14 53	1 59	17 31	0 30	22 24
28	15	46	0	25	14 55	1 59	17 35	0 30	22 22

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♃ Long.
		H. M. S.	° / "	° / "	° / "	° / "	° / "	° / "
1	W	4 39 31	10 11 50	12 22 N 5	12 1 38	4 8 52	0 N 31	10 8 21
2	Th	4 43 28	11 47 39	22 18 24	40 4 20	5 32	10 25	10 25
3	F	4 47 24	12 45 52	22 21 6	34 3 37	10 18	10 28	10 28
4	S	4 51 21	13 42 31	22 28 18	23 2 44	14 41	10 31	10 31
5	S	4 55 18	14 39 56	22 35 0	10 1 45	18 29	10 34	10 34
6	M	4 59 14	15 37 20	22 41 11	59 0 42	21 33	10 37	10 37
7	Tu	5 3 11	16 34 44	22 47 23	50 0 N 24	23 43	10 40	10 40
8	W	5 7 7	17 32 6	22 52 5	46 1 29	24 49	10 43	10 43
9	Th	5 11 4	18 29 28	22 58 17	50 2 31	24 46	10 46	10 46
10	F	5 15 0	19 26 49	23 2 0	Ω 4 3	27 23	10 48	10 48
11	S	5 18 57	20 24 9	23 7 12	30 4 14	21 7	10 51	10 51
12	S	5 23 54	21 21 28	23 11 25	11 4 49	17 41	10 54	10 54
13	M	5 28 50	22 18 46	23 14 8	9 5 11	13 20	10 57	10 57
14	Tu	5 30 47	23 16 3	23 17 21	28 5 17	8 15	11 0	11 0
15	W	5 34 43	24 18 19	23 20 5	Δ 8 5	6 2	11 2	11 2
16	Th	5 38 40	25 10 35	23 22 19	12 4 38	3 8	11 5	11 5
17	F	5 42 36	26 7 50	23 24 3	37 3 49	9 9	11 8	11 8
18	S	5 46 33	27 5 4	23 26 18	20 2 45	14 39	11 10	11 10
19	S	5 50 29	28 2 17	23 27 3	17 1 29	19 22	11 13	11 13
20	M	5 54 26	28 59 30	23 27 18	20 0 7	22 50	11 16	11 16
21	Tu	5 58 23	29 56 43	23 28 3	21 1 18	24 41	11 18	11 18
22	W	6 2 19	0 53 55	23 27 18	11 2 32	24 44	11 21	11 21
23	Th	6 6 16	1 51 7	23 27 2	43 3 37	23 5	11 24	11 24
24	F	6 10 12	2 48 18	23 26 16	51 4 27	30 2	11 26	11 26
25	S	6 14 9	3 45 30	23 24 0	× 34 5	0 15	11 29	11 29
26	S	6 18 5	4 42 41	23 22 13	50 5 16	11 12	11 30	11 30
27	M	6 22 2	5 39 53	23 20 26	42 5 14	6 7	11 33	11 33
28	Tu	6 25 58	6 37 5	23 18 9	11 4 58	0 55	11 35	11 35
29	W	6 29 55	7 34 17	23 15 21	24 4 29	4 N 13	11 38	11 38
30	Th	6 33 52	8 31 29	23 11 3	23 3 48	9 5	11 40	11 40

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	08 28	15 N 36	0 N 11	22 N 53	1 S 9	18 N 22	20 II 8
4	0 26	16 17	0 18	23 21	0 37	20 9	19 58
7	0 24	16 55	0 26	23 42	0 4	21 46	19 49
10	0 22	17 33	0 33	23 57	0 N 27	23 9	19 39
13	0 20	18 8	0 39	24 6	0 56	24 10	19 30
16	0 18	18 42	0 45	24 9	1 21	24 48	19 20
19	0 16	19 16	0 51	24 5	1 39	25 0	19 11
22	0 14	19 46	0 57	23 54	1 50	24 48	19 1
25	0 12	20 14	1 8	23 37	1 55	24 14	18 51
28	0 10	20 42	1 8	23 14	1 54	23 22	18 42

D M	♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.		☉	♂	♀	♂	♀	♀
	° /	° /	° /	° /		°	°	°	°	°	°
1	23 51	20 45	13 58	15 II 49	26 53	*				*	
2	23 58	20 37	14 42	17 3 28	51				Δ		
3	24 6	20 30	15 26	18 17 0	II 50		♂				
4	24 13	20 23	16 10	19 31 2	52		♂		♂		
5	24 21	20 15	16 54	20 45 4	55	♂ ♀ ♀					♂
6	24 28	20 7	17 37	21 58 7	0		♂				
7	24 36	20 0	18 21	23 12 9	8				♂		♂
8	24 43	19 52	19 42	24 25 11	16		*				
9	24 50	19 45	19 48	25 39 13	25				*		
10	24 58	19 37	20 31	26 53 15	36	☉ ♀ ♀		*			
11	25 5	19 29	21 15	28 7 17	47		☐				*
12	25 12	19 22	21 58	29 20 19	59	♂ ♀ ♀	*	☐	Δ	☐	*
13	25 20	19 14	22 41	0 34 22	11	☉ ♂ ♀	☐	Δ	☐	Δ	☐
14	25 27	19 6	23 25	1 48 24	23		☐		Δ	☐	☐
15	25 34	18 59	24 8	3 1 26	34						☐
16	25 41	18 51	24 51	4 15 28	45		Δ		*		
17	25 48	18 44	25 34	5 29 0	55	♂ ♂ ♂		♂			Δ Δ
18	25 55	18 36	26 17	6 42 3	4			♂			
19	26 2	18 28	27 0	7 56 5	12			♂	♂		
20	26 9	18 21	27 43	9 9 7	18				♂		
21	26 16	18 14	28 25	10 23 9	23		♂				♂
22	26 23	18 6	29 8	11 37 11	25	♂ * ♀		Δ			♂
23	26 30	17 59	29 51	12 51 13	26				Δ	Δ	
24	26 36	17 52	0 II 34	14 4 15	25			☐	*		
25	26 43	17 45	1 16	15 17 17	22		Δ	☐	☐	☐	
26	26 50	17 38	1 59	16 31 19	18			*		☐	Δ Δ
27	26 56	17 31	2 41	17 45 21	11				*		
28	27 3	17 24	3 24	18 58 23	2		☐			*	
29	27 10	17 17	4 6	20 12 24	51				Δ		☐ ☐
30	27 16	17 10	4 48	21 25 26	37	♂ * ♀	*				

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	46	0 8 25	14 N 57	1 8 59	17 N 39	0 N 29	22 8 21
4	15	46	0 25	14 59	1 59	17 43	0 29	22 19
7	15	46	0 25	15 1	2 0	17 47	0 28	22 18
10	15	46	0 25	15 3	2 0	17 51	0 28	22 17
13	15	46	0 25	15 4	2 0	17 54	0 27	22 16
16	15	46	0 25	15 6	2 1	17 58	0 27	22 15
19	15	47	0 26	15 7	2 1	18 1	0 26	22 14
22	15	47	0 26	15 8	2 1	18 4	0 26	22 13
25	15	47	0 26	15 9	2 2	18 7	0 25	22 13
28	15	47	0 26	15 10	2 2	18 9	0 24	22 12
31	15	48	0 26	15 11	2 2	18 12	0 24	22 12

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	6 37 48	9 52 28 41	23 N 7	15 8 14	2 8 58	13 N 35	11 8 42
2	S	6 41 45	10 25 54 23	3 27 2	2 1 17	33	11 44	
3	S	6 45 41	11 23 7 22	58	8 11 50	0 59 20	49	11 46
4	M	6 49 38	12 20 20 22	53 20 21	0 N 6 23	14	11 48	
5	Tu	6 53 34	13 17 33 22	48	2 53 39	1 12 24	38	11 50
6	W	6 57 31	14 14 46 22	42 14 46	2 14 24	53	11 52	
7	Th	7 1 27	15 12 0 22	36 27 3	3 12 23	54	11 54	
8	F	7 5 24	16 9 13 22	29 9 13 22	4 1 21	45	11 56	
9	S	7 9 21	17 6 27 22	22 22 14	4 39 18	30	11 58	
10	S	7 13 17	18 3 40 22	14 5 40 22	5 4 14	20	12 0	
11	M	7 17 14	19 0 54 22	7 18 20	5 13 9	25	12 2	
12	Tu	7 21 10	19 58 8 21	58 1 44	5 6 3	59	12 4	
13	W	7 25 7	20 55 21 21	50 15 25	4 41 1	8 45	12 6	
14	Th	7 29 3	21 52 35 21	41 29 20	3 59 7	31	12 8	
15	F	7 33 0	22 49 49 21	31 13 31	3 3 13	0	12 9	
16	S	7 36 56	23 47 3 21	22 27 56	1 53 17	52	12 10	
17	S	7 40 53	24 44 17 21	12 12 7 81	0 36 21	43	12 12	
18	M	7 44 50	25 41 31 21	1 27 13	0 S 44 24	10	12 13	
19	Tu	7 48 46	26 38 46 20	51 11 55	2 1 24	56	12 15	
20	W	7 52 43	27 36 2 20	39 26 32	3 9 23	58	12 16	
21	Th	7 56 39	28 33 17 20	28 10 55	4 5 21	25	12 17	
22	F	8 0 36	29 30 34 20	16 25 0	4 44 17	39	12 19	
23	S	8 4 32	0 27 51 20	4 8 43	5 5 13	1	12 20	
24	S	8 8 29	1 25 9 19	52 22 1	5 9 7	54	12 21	
25	M	8 12 25	2 22 28 19	39 4 54	4 57 2	36	12 23	
26	Tu	8 16 22	3 19 48 19	26 17 26	4 32 2	N 40	12 24	
27	W	8 20 19	4 17 9 19	12 29 40	3 54 7	43	12 25	
28	Th	8 24 15	5 14 31 18	58 11 8 39	3 6 12	23	12 26	
29	F	8 28 12	6 11 54 18	44 23 31	2 11 16	33	12 27	
30	S	8 32 8	7 9 18 18	30 5 11 19	1 11 20	2	12 28	
31	S	8 36 5	8 6 44 18	15 17 8	0 8 22	42	12 29	

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 S 7	21 N 7	1 N 14	22 N 45	1 N 46	22 N 14	18 II 32
4	0 5	21 31	1 17	22 10	1 34	20 56	18 23
7	0 3	21 52	1 20	21 29	1 16	19 29	18 13
10	0 1	22 12	1 23	20 42	0 54	17 56	18 4
13	0 N 1	22 30	1 26	19 51	0 27	16 20	17 54
16	0 4	22 46	1 29	18 54	0 S 3	14 43	17 45
19	0 6	23 1	1 31	17 53	0 36	13 8	17 35
22	0 8	23 13	1 32	16 47	1 11	11 37	17 26
25	0 10	23 24	1 32	15 37	1 47	10 12	17 16
28	0 13	23 32	1 31	14 23	2 25	8 57	17 7
31	0 15	23 39	1 30	13 7	3 3	7 55	16 57

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
	°	'	°	'	°	'		°	'	°	'	°	'
1	27 23	17 4	5 II 30	22 39	28 22	22			♂				
2	27 29	16 R 57	6 13	23 53	0 5	5			♂			*	*
3	27 36	16 51	6 55	25 6	1 45						♂		
4	27 42	16 44	7 37	26 20	3 24						♂		
5	27 48	16 38	8 19	27 34	5 0	h * ♀							
6	27 54	16 32	9 12	28 47	6 34			♂	*				
7	28 0	16 26	9 42	0 8	8 6				*			♂	
8	28 6	16 20	10 24	1 14	9 35			☐			*		♂
9	28 12	16 15	11 6	2 27	11 3	♂ * ♀			☐	Δ			
10	28 18	16 9	11 47	3 41	12 29	☿ ☐ ♀							
11	28 24	16 4	12 29	4 55	13 52			*	Δ		☐	☐	
12	28 30	15 59	13 10	6 8	15 13					Δ		*	
13	28 36	15 54	13 52	7 22	16 32	♂ Δ ♀		☐		*	Δ		*
14	28 42	15 49	14 33	8 35	17 48								
15	28 47	15 44	15 15	9 49	19 2				♂			☐	☐
16	28 53	15 39	15 56	11 2	20 14	♂ ♂ ♂		Δ		♂			
17	28 58	15 35	16 37	12 16	21 22	☿ ☐ ♀				♂	♂	Δ	
18	29 4	15 30	17 18	13 29	22 29								Δ
19	29 9	15 26	17 59	14 43	23 32				Δ				
20	29 14	15 22	18 40	15 56	24 33	♂ Δ ♀		♂		Δ			
21	29 19	15 18	19 21	17 10	25 31				☐		*	♂	
22	29 25	15 14	20 2	18 23	26 26	☉ * h				☐		Δ	♂
23	29 30	15 11	20 43	19 37	27 18				*		☐		
24	29 35	15 7	21 24	20 50	28 6						☐		
25	29 40	15 4	22 4	22 8	28 51	♂ * ♀		Δ		*			
26	29 44	15 1	22 45	23 17	29 33	h ☐ ♀						Δ	*
27	29 49	14 58	23 25	24 30	0 10			☐				Δ	Δ
28	29 54	14 56	24 6	25 43	0 44				♂				
29	29 58	14 53	24 47	26 57	1 14							☐	
30	0 II 3	14 51	25 27	28 10	1 39			*		♂			☐
31	0 7	14 49	26 7	29 24	2 0						♂		

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	" "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 48	0 8 26	15 N 11	2 8 3	18 N 12	0 N 23	22 S 18
4	15 48	0 26	15 12	2 3	18 15	0 23	22 18
7	15 49	0 26	15 13	2 4	18 17	0 22	22 18
10	15 49	0 26	15 13	2 4	18 18	0 22	22 18
13	15 50	0 26	15 13	2 5	18 20	0 21	22 18
16	15 50	0 26	15 13	2 5	18 21	0 21	22 14
19	15 51	0 26	15 13	2 6	18 23	0 20	22 15
22	15 51	0 26	15 13	2 6	18 24	0 20	22 16
25	15 52	0 26	15 13	2 7	18 24	0 19	22 17
28	15 53	0 26	15 12	2 7	18 25	0 19	22 18
31	15 53	0 26	15 12	2 8	18 25	0 18	22 21

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	8 40 1	9 2 4 10	18 N 0	29 11 4	0 N 56	24 N 24	12 2 3
2	Tu	8 43 58	10 1 38 17	45 11 5	9 1 59	24 58	12 3 3	
3	W	8 47 55	10 59 7 17	29 23 27	2 56	24 19	12 3 1	
4	Th	8 51 51	11 56 37 17	13 6 0	3 47	22 27	12 3 2	
5	F	8 55 48	12 54 7 16	57 18 49	4 26	19 25	12 3 3	
6	S	8 59 44	13 51 39 16	41 1 52	4 53	15 23	12 3 3	
7	S	9 3 41	14 49 12 16	24 15 9	5 5	10 32	12 3 3	
8	M	9 7 37	15 46 46 16	7 28 39	5 0	5 7	12 3 4	
9	Tu	9 11 34	16 44 21 15	50 12 20	4 38	0 8 37	12 3 4	
10	W	9 15 30	17 41 57 15	32 26 9	3 59	6 23	12 3 4	
11	Th	9 19 27	18 39 33 15	15 10 7	3 6	11 55	12 3 4	
12	F	9 23 24	19 37 11 14	57 24 11	2 1	16 52	12 3 4	
13	S	9 27 20	20 34 49 14	38 8 22	0 49	20 55	12 3 4	
14	S	9 31 17	21 32 28 14	20 22 37	0 8 27	23 42	12 3 4	
15	M	9 35 13	22 30 9 14	1 6 55	1 41	24 58	12 3 4	
16	Tu	9 39 10	23 27 51 13	43 21 18	2 49	24 34	12 3 4	
17	W	9 43 6	24 25 38 13	23 5 26	3 46	22 35	12 3 4	
18	Th	9 47 3	25 23 17 13	4 19 30	4 28	19 13	12 3 4	
19	F	9 50 59	26 21 3 12	45 3 20	4 54	14 51	12 3 4	
20	S	9 54 56	27 18 49 12	25 16 52	5 2	9 50	12 3 4	
21	S	9 58 52	28 16 37 12	5 0 7	3 4	54 4 29	12 3 4	
22	M	10 2 49	29 14 27 11	45 12 54	4 31	0 N 56	12 3 4	
23	Tu	10 6 46	0 12 19 11	25 25 24	3 56	6 10	12 3 4	
24	W	10 10 42	1 10 12 11	4 7 37	3 10	11 4	12 3 4	
25	Th	10 14 39	2 8 7 10	43 19 36	2 17	15 27	12 3 4	
26	F	10 18 35	3 6 4 10	23 1 28	1 18	19 12	12 3 4	
27	S	10 22 32	4 4 3 10	2 13 16	0 16	22 9	12 3 4	
28	S	10 26 28	5 2 3 9	40 25 7	0 N 47	24 9	12 3 4	
29	M	10 30 25	6 0 6 9	19 7 5	1 48	25 4	12 3 4	
30	Tu	10 34 21	6 58 10 8	58 19 16	2 45	24 48	12 3 4	
31	W	10 38 18	7 56 17 8	36 1 2	3 36	23 18	12 3 4	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	'	"	°	'	°	'	°	'
1	15	54	08 26	15 N12	28 8	18 N25	0 N18	22 S
4	15	54	0 26	15 11	2 9	18 26	0 17	22 3
7	15	55	0 26	15 10	2 9	18 26	0 17	22 5
10	15	56	0 26	15 9	2 10	18 25	0 16	22 7
13	15	57	0 26	15 8	2 10	18 25	0 16	22 9
16	15	57	0 26	15 7	2 11	18 24	0 16	22 11
19	15	58	0 26	15 5	2 11	18 24	0 15	22 13
22	15	59	0 26	15 4	2 12	18 23	0 15	22 15
25	16	0	0 26	15 2	2 12	18 22	0 14	22 17
28	16	1	0 26	15 1	2 13	18 20	0 14	22 19

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	10 42 15	8 ^m 54 25	8 N14	14 29	4 N17	20 N36	12 2 3
2	F	10 46 11	9 52 35	7 52	27 35	4 46	16 47	12 R 3
3	S	10 50 8	10 50 46	7 30	11 ^m 0	5 0	12 3	12 3
4	S	10 54 4	11 49 0	7 8	24 43	4 57	6 38	12 2
5	M	10 58 1	12 47 15	6 46	8 ^m 38	4 36	0 48	12 2
6	Tu	11 1 57	13 45 32	6 24	22 42	3 59	5 S 9	12 2
7	W	11 5 54	14 43 50	6 1	6 ^m 51	3 6	10 53	12 2
8	Th	11 9 50	15 42 10	5 39	21 2	2 2	16 4	12 2
9	F	11 13 47	16 40 32	5 16	5 ^m 11	0 51	20 21	12 2
10	S	11 17 44	17 38 55	4 53	19 19	0 S 24	23 25	12 2
11	S	11 21 40	18 37 20	4 30	3 ^m 22	1 37	25 1	12 2
12	M	11 25 37	19 35 46	4 7	17 22	2 43	25 1	12 2
13	Tu	11 29 33	20 34 14	3 44	1 ^m 17	3 39	23 27	12 19
14	W	11 33 30	21 32 43	3 21	15 4	4 22	20 30	12 15
15	Th	11 37 26	22 31 14	2 58	28 43	4 50	16 27	12 17
16	F	11 41 23	23 29 47	2 35	12 ^m 10	5 0	11 37	12 15
17	S	11 45 19	24 28 22	2 12	25 23	4 55	6 21	12 14
18	S	11 49 16	25 26 59	1 49	8 ^m 20	4 34	0 53	12 11
19	M	11 53 13	26 25 37	1 25	21 0	4 0	4 N30	12 1
20	Tu	11 57 9	27 24 18	1 2	3 ^m 24	3 15	9 36	12 1
21	W	12 1 6	28 23 1	0 39	15 33	2 22	14 15	12 1
22	Th	12 5 2	29 21 46	0 15	27 30	1 23	18 16	12 1
23	F	12 8 59	0 ^m 20 33	0 S 8	9 ^m 20	0 21	21 31	12 1
24	S	12 12 55	1 19 23	0 32	21 8	0 N42	23 51	12 1
25	S	12 16 52	2 18 15	0 55	2 ^m 58	1 43	25 8	12 1
26	M	12 20 48	3 17 9	1 18	14 56	2 40	25 16	12 1
27	Tu	12 24 45	4 16 6	1 42	27 8	3 31	24 12	11 5
28	W	12 28 42	5 15 4	2 5	9 ^m 39	4 14	21 55	11 5
29	Th	12 32 38	6 14 6	2 29	22 31	4 45	18 30	11 5
30	F	12 36 35	7 13 9	2 52	5 ^m 47	5 1	14 4	11 5

SEPTEMBER XXX DAYS.

Mars.		Venus.		Mercury.		Moon's Node.
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
° /	° /	° /	° /	° /	° /	° /
0 N 41	23 N 3	0 N 43	2 S 41	0 S 38	13 N 49	15 II 15
0 43	22 51	0 34	4 14	0 N 9	13 45	15 6
0 46	22 37	0 26	5 46	0 49	13 10	14 56
0 48	22 22	0 17	7 17	1 19	12 5	14 47
0 51	22 5	0 9	8 47	1 38	10 33	14 37
0 54	21 48	0 0	10 15	1 48	8 41	14 28
0 56	21 29	0 S 9	11 41	1 50	6 35	14 18
0 59	21 9	0 19	13 5	1 46	4 20	14 9
1 2	20 48	0 29	14 27	1 37	2 1	13 59
1 5	20 26	0 39	15 45	1 25	0 S 20	13 50

	♂		♀		☿		Mutual		Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.	Aspts.		☉	♂	♂	♂	♂	♀	♀	♀
1	1 II 41	15 7 18	16 5 58	8 2 23	21 9 18					☐		Δ				
2	1 42 15	22 17	36	9 36 22	0					☐						♂
3	1 44 15	26 18	14 10	49 22	50			♂	Δ		☐					♂
4	1 45 15	30 18	51 12	1 23	48					Δ			*			
5	1 46 15	34 19	29 13	14 24	52	♂ Δ ☉							*		♂	
6	1 46 15	39 20	6 14	27 26	3									☐		*
7	1 47 15	44 20	44 15	40 27	22	♂ * ♀		♂								
8	1 48 15	49 21	21 16	52 28	45	☉ ☉ ♂	*						♂	Δ		
9	1 48 15	54 21	59 18	5 0 m 13							♂					☐
10	1 49 15	59 22	36 19	17 1	46	♂ ☐ ♀	☐				♂			*		
11	1 49 16	4 23	13 20	30 3	22											Δ
12	1 49 16	10 23	50 21	43 5	2			Δ	Δ					♂	☐	
13	1 49 16	16 24	27 22	55 6	45					Δ						
14	1 49 16	22 25	3 24	8 8	30					☐		*				
15	1 49 16	28 25	40 25	20 10	17					☐					Δ	
16	1 49 16	34 26	17 26	33 12	6	♂ Δ ♀		*			☐					♂
17	1 48 16	40 26	53 27	45 13	56			♂		*				Δ		
18	1 48 16	47 27	30 28	57 15	46											
19	1 47 16	53 28	6 0 m 10	17 37		♂ ☐ ♀						Δ				
20	1 47 17	0 28	43 1	22 19	28	☉ ☐ ♀	♂							☐	♂	
21	1 46 17	7 29	19 2	35 21	19				♂							
22	1 45 17	14 29	55 3	47 23	10			Δ		♂			*			Δ
23	1 44 17	21 0	31 4	59 25	1	☉ * ♂										
24	1 43 17	29 1	7 6	11 26	51	☉ Δ ♀					♂					
25	1 42 17	36 1	42 7	23 28	41	♂ * ♂	☐						♂		Δ	☐
26	1 40 17	44 2	18 8	35 0 30					*							
27	1 39 17	51 2	54 9	48 2	19	♂ Δ ♀		*		*			♂			
28	1 37 17	59 3	30 11	0 4	6			*	☐						☐	*
29	1 36 18	7 4	5 12	12 5	53	☉ ♂ ♀						Δ				
30	1 34 18	15 4	40 13	24 7	39				Δ	☐						

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08 26	14 N 59	28 13	18 N 19	0 N 13	22 S 44
4	16	2	0 26	14 57	2 14	18 17	0 13	22 4
7	16	3	0 26	14 56	2 14	18 15	0 12	22 4
10	16	4	0 26	14 53	2 14	18 13	0 12	22 5
13	16	5	0 26	14 51	2 15	18 11	0 11	22 54
16	16	6	0 26	14 49	2 15	18 9	0 11	22 5
19	16	6	0 26	14 47	2 15	18 7	0 11	22 5
22	16	7	0 26	14 44	2 15	18 4	0 10	23 2
25	16	8	0 26	14 42	2 16	18 1	0 10	23 4
28	16	9	0 26	14 40	2 16	17 59	0 10	23 6
31	16	10	0 26	14 38	2 16	17 56	0 9	23 3

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	S	12 40 31	8 12 14	38 15	19 m 28	5 N 2	8 N 48	11 54
2	S	12 44 28	9 11 22	3 39	3 30	4 44	2 57	11 45
3	M	12 48 24	10 10 32	4 21	7 49	4 8	38 10	11 4
4	Th	12 52 21	11 9 43	4 25	2 m 20	3 16	9 13	11 44
5	W	12 56 17	12 8 57	4 48	16 54	2 11	14 49	11 42
6	Th	13 0 14	13 8 13	5 11	1 27	0 57	19 32	11 40
7	F	13 4 11	14 7 30	5 35	15 54	0 S 20	23 3	11 38
8	S	13 8 7	15 6 49	5 57	0 w 10	1 35	25 3	11 36
9	S	13 12 4	16 6 10	6 20	14 15	2 43	25 24	11 34
10	M	13 16 0	17 5 33	6 43	28 7	3 41	24 10	11 32
11	Tu	13 19 57	18 4 57	7 6	11 m 48	4 25	21 30	11 30
12	W	13 23 53	19 4 24	7 28	25 15	4 54	17 43	11 27
13	Th	13 27 50	20 3 52	7 51	8 x 31	5 6	13 6	11 25
14	F	13 31 46	21 3 21	8 13	21 34	5 2	7 58	11 23
15	S	13 35 43	22 2 53	8 36	4 r 25	4 43	2 34	11 21
16	S	13 39 39	23 2 27	8 58	17 3	4 10	2 N 51	11 19
17	M	13 43 36	24 2 2	9 20	29 28	3 26	8 5	11 17
18	Tu	13 47 33	25 1 40	9 42	11 x 41	2 33	13 56	11 15
19	W	13 51 29	26 1 20	10 4	23 43	1 33	17 13	11 13
20	Th	13 55 26	27 1 2	10 25	5 n 37	0 30	20 46	11 11
21	F	13 59 22	28 0 46	10 47	17 25	0 N 34	23 26	11 9
22	S	14 3 19	29 0 32	11 8	29 12	1 37	25 4	11 7
23	S	14 7 15	0 m 0	20 11	29 11	2 35	25 35	11 5
24	M	14 11 12	1 0 11	11 50	22 58	3 28	24 55	10 5
25	Th	14 15 8	2 0 4	12 11	5 2	4 12	23 5	10 3
26	W	14 19 5	2 59	59 12	31 17	36 4	46 20	6 10
27	Th	14 23 2	3 59	56 12	52 0 m	26 5	6 16	6 10
28	F	14 26 58	4 59	56 13	12 13	42 5	12 11	12 10
29	S	14 30 55	5 59	58 13	32 27	25 4	59 5	10 10
30	S	14 34 51	7 0	1 13	52 11	35 4	29 0 S	10 10
31	M	14 38 48	8 0	7 14	11 26	8 3	40 6	10 10

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 7	20 N 4	0 S 49	17 S 1	1 N 9	2 S 40	13 N 40
4	1 10	19 40	0 59	18 12	0 51	4 58	13 31
7	1 13	19 16	1 9	19 20	0 32	7 12	13 21
10	1 16	18 51	1 18	20 23	0 12	9 21	13 12
13	1 19	18 26	1 28	21 22	0 S 9	11 25	13 2
16	1 22	18 0	1 37	22 16	0 29	13 23	12 52
19	1 26	17 34	1 46	23 4	0 49	15 14	12 43
22	1 29	17 7	1 55	23 48	1 9	16 58	12 33
25	1 32	16 40	2 8	24 25	1 28	18 35	12 24
28	1 35	16 13	2 10	24 57	1 46	20 8	12 14
31	1 38	15 46	2 17	25 22	2 2	21 22	12 5

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂
	° /	° /	° /	° /	° /							
1	1 N 32	18 24	5 S 15	14 36	9 S 24					*		
2	1 R 30	18 32	5 51	15 47	11 9	♂		Δ	*			
3	1 28	18 41	6 26	16 59	12 52				*			♂
4	1 26	18 49	7 0	18 11	14 35					□		
5	1 24	18 58	7 35	19 23	16 18	♂ ♀	♂				♂	
6	1 21	19 7	8 10	20 35	17 58			♂		Δ		
7	1 19	19 16	8 44	21 47	19 39	♂ ♀	*		♂			*
8	1 16	19 25	9 19	22 56	21 18							
9	1 14	19 35	9 53	24 10	22 58		□	Δ				
10	1 11	19 44	10 27	25 22	24 35			Δ			*	□
11	1 8	19 54	11 1	26 33	26 13			□		♂		Δ
12	1 5	20 3	11 35	27 45	27 50	♂ ♀	Δ		□	*		
13	1 2	20 13	12 9	28 56	29 25	☉ *		*				
14	0 59	20 23	12 43	0 8	1 1				□			
15	0 56	20 33	13 16	1 19	2 36	♂ ♀			*		Δ	
16	0 53	20 43	13 50	2 31	4 10					Δ	Δ	
17	0 49	20 53	14 23	3 42	5 43		♂					
18	0 46	21 3	14 56	4 53	7 16		♂			□		♂
19	0 42	21 14	15 29	6 4	8 48							
20	0 39	21 24	16 2	7 15	10 20			♂			♂	
21	0 35	21 35	16 35	8 26	11 51	♂ ♀				♂	*	
22	0 32	21 45	17 8	9 37	18 22		Δ			♂	*	
23	0 28	21 56	17 40	10 48	14 52			*				Δ
24	0 24	22 7	18 12	11 59	16 21							
25	0 20	22 18	18 45	13 10	17 50		□	□	*			
26	0 16	22 29	19 17	14 20	19 18	♂ ♀				Δ	♂	Δ
27	0 12	22 40	19 49	15 31	20 46		*		□			
28	0 8	22 51	20 20	16 42	22 13			Δ				□
29	0 3	23 3	20 52	17 52	23 39	♂ ♀			Δ	□		*
30	29 59	23 14	21 23	19 3	25 5							
31	29 55	23 25	21 55	20 13	26 30					*	*	*

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
1	16	16	0 S 26	14 N 15	2 S 15	17 N 25	0 N 6	23 S 1
4	16	16	0 26	14 13	2 14	17 22	0 6	23 11
7	16	17	0 26	14 12	2 14	17 19	0 5	23 21
10	16	17	0 26	14 10	2 13	17 17	0 5	23 31
18	16	17	0 26	14 8	2 13	17 14	0 5	23 41
16	16	18	0 26	14 7	2 12	17 12	0 4	23 51
19	16	18	0 25	14 6	2 12	17 10	0 4	23 59
22	16	18	0 25	14 4	2 11	17 8	0 4	23 59
25	16	18	0 25	14 3	2 11	17 6	0 4	23 57
28	16	18	0 25	14 2	2 10	17 5	0 3	23 56
31	16	18	0 25	14 2	2 9	17 3	0 3	23 54
D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin ° ' "	♄ Long. ° ' "
1	Th	16 41 1	9 16 11	21 S 52	19 12	0 S 48	23 S 49	9 23
2	F	16 44 58	10 17 5	22 1	4 22	2 9 25	32 9 27	9 27
3	S	16 48 54	11 18 1	22 9	19 19	3 20 25	22 9 25	9 25
4	S	16 52 51	12 18 57	22 17	3 56	4 16 23	26 9 23	9 23
5	M	16 56 47	13 19 55	22 25	18 9	4 54 20	4 9 21	9 21
6	Tu	17 0 44	14 20 53	22 32	1 55	5 15 15	41 9 19	9 19
7	W	17 4 40	15 21 52	22 39	15 17	5 17 10	40 9 17	9 17
8	Th	17 8 37	16 22 51	22 46	28 14	5 3 5	20 9 16	9 16
9	F	17 12 34	17 23 51	22 52	10 52	4 35 0	N 5 9 14	9 14
10	S	17 16 30	18 24 51	22 57	23 12	3 54 5	24 9 12	9 12
11	S	17 20 27	19 25 52	23 2	5 20	3 3 10	26 9 10	9 10
12	M	17 24 23	20 26 54	23 7	17 19	2 6 15	0 9 9	9 9
13	Tu	17 28 20	21 27 56	23 11	29 11	1 3 18	58 9 7	9 7
14	W	17 32 16	22 28 59	23 15	11 0	0 N 2 22	9 9 5	9 5
15	Th	17 36 13	23 30 2	23 18	22 48	1 7 24	23 9 4	9 4
16	F	17 40 9	24 31 6	23 21	4 37	2 9 25	32 9 2	9 2
17	S	17 44 6	25 32 10	23 28	16 29	3 6 25	31 9 1	9 1
18	S	17 48 3	26 33 16	23 25	28 26	3 55 24	20 8 59	8 59
19	M	17 51 59	27 34 22	23 26	10 30	4 34 22	1 8 58	8 58
20	Tu	17 55 56	28 35 28	23 27	22 44	5 1 18	41 8 56	8 56
21	W	17 59 52	29 36 35	23 28	5 11	5 14 14	29 8 55	8 55
22	Th	18 8 49	0 37 43	23 27	17 55	5 13 9	35 8 54	8 54
23	F	18 7 45	1 38 52	23 27	0 57	4 56 4	8 8 53	8 53
24	S	18 11 42	2 40 1	23 26	14 21	4 22 1	S 38 8 51	8 51
25	S	18 15 38	3 41 11	23 24	28 9	3 32 7	81 8 50	8 50
26	M	18 19 35	4 42 21	23 23	12 22	2 28 13	18 8 49	8 49
27	Tu	18 23 32	5 43 32	23 20	26 59	1 12 18	19 8 48	8 48
28	W	18 27 28	6 44 43	23 17	11 55	0 S 8 22	23 8 47	8 47
29	Th	18 31 25	7 45 54	23 14	27 4	1 31 24	56 8 46	8 46
30	F	18 35 21	8 47 6	23 10	12 16	2 46 25	39 8 45	8 45
31	S	18 39 18	9 48 17	23 6	27 22	3 50 24	28 8 44	8 44

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	2 N 17	11 N 17	2 S 38	23 S 37	0 N 14	22 S 38	10 □ 26
4	2 21	10 55	2 33	22 54	1 14	21 13	10 17
7	2 26	10 33	2 29	22 5	2 4	19 49	10 7
10	2 30	10 13	2 21	21 12	2 36	18 47	9 58
13	2 35	9 53	2 13	20 16	2 51	18 19	9 48
16	2 39	9 35	2 4	19 15	2 49	18 22	9 39
19	2 44	9 19	1 52	18 11	2 36	18 50	9 29
22	2 49	9 4	1 39	17 4	2 16	19 32	9 20
25	2 54	8 51	1 24	15 54	1 52	20 21	9 10
28	2 59	8 39	1 8	14 43	1 28	21 10	9 1
31	3 5	8 30	0 50	13 29	1 2	21 57	8 51

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	27 8 27	29 7 54	6 24 24	25 41 17	7 24 17	h Δ ♀		Δ		♈ Δ		♈
2	27 12 22	0 8 8	6 48 26	47 16	13 16	h Δ ♀		Δ		♈ Δ		♈
3	27 17 0	21 7	12 27	53 14	56 56	♀ ∠ ♀		□	Δ			♈
4	27 13 0	35 7	35 28	59 18	34 34	♀ ∠ ♀		□	Δ			♈
5	27 8 0	48 7	58 0	5 12	11 11	☉ ♂ ♀	*					*
6	27 3 1	2 8	21 1	10 10	50 10	♄ ∠ ♀		□	*	♈		♈
7	26 59 1	15 8	43 2	15 9	32 9	h Δ ♂	□	*		*		□
8	26 54 1	29 9	6 3	20 8	22 8	h Δ ♂			*	□		*
9	26 50 1	43 9	28 4	24 7	19 19							Δ
10	26 45 1	56 9	49 5	28 6	27 6		Δ					
11	26 41 2	10 10	10 6	32 5	45 5	♀ * ♀		♈		Δ	Δ	□
12	26 37 2	23 10	30 7	36 5	14 5	♀ * ♀		♈		Δ	Δ	□
13	26 33 2	37 10	51 8	39 4	55 4	♀ □ ♀		♈				♈
14	26 28 2	51 11	11 9	42 4	47 4		♈				□	Δ
15	26 24 3	5 11	30 10	45 4	48 4		♈					
16	26 20 3	18 11	49 11	47 4	59 4	☉ □ ♀		*		♈		
17	26 16 3	32 12	8 12	48 5	19 5			*		*		
18	26 12 3	46 12	26 13	50 5	47 5				*			
19	26 8 4	0 13	44 14	51 6	21 6		□				♈	Δ
20	26 5 4	14 13	1 15	51 7	2 7			□				
21	26 1 4	27 13	18 16	52 7	49 7		Δ	Δ		Δ		□
22	25 57 4	41 13	35 17	52 8	41 8						♈	
23	25 54 4	55 13	51 18	51 9	37 9		□		Δ	□		
24	25 50 5	9 14	7 19	50 10	37 10							Δ *
25	25 47 5	23 14	22 20	48 11	40 11	♄ ∠ ♀	*					*
26	25 44 5	37 14	36 21	46 12	46 12			♈		*	*	
27	25 41 5	51 14	50 22	43 13	55 13	☉ ♂ ♀		♈			□	♈
28	25 38 6	4 15	4 23	40 15	7 15	♈ □ ♀					□	
29	25 35 6	18 15	17 24	36 16	20 16						*	
30	25 32 6	32 15	29 25	32 17	36 17	☉ Δ ♀	♈	Δ		♈	Δ	
31	25 29 6	46 15	41 26	27 18	53 18			Δ				

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25'.

Right Asc. of Meridian.	10	11	12	Ascen Q	2	3	Right Asc. of Meridian.	10	11	12	Ascen Q	2	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
0 0 0	0	10	24	28	13	14	1 51 37	0	11	19	17	22	3
0 3 40	1	11	25	28	46	14	1 55 27	1	12	20	18	11	6
0 7 20	2	12	26	29	25	15	1 59 17	2	13	21	18	51	7
0 11 0	3	13	27	0	14	16	2 3 8	3	14	21	19	38	8
0 14 41	4	14	28	0	49	17	2 6 59	4	15	22	20	48	9
0 18 21	5	15	29	1	25	17	2 10 51	5	16	23	20	48	9
0 22 2	6	16	29	2	7	18	2 14 44	6	16	24	21	57	10
0 25 42	7	17	30	2	43	19	2 18 37	7	17	24	22	8	11
0 29 23	8	18	1	3	26	19	2 22 31	8	18	25	22	47	11
0 33 4	9	19	2	4	4	20	2 26 25	9	19	26	23	28	12
0 36 45	10	20	3	4	41	21	2 30 20	10	20	27	24	8	13
0 40 26	11	23	4	5	19	22	2 34 13	11	21	27	24	46	13
0 44 8	12	23	4	5	58	23	2 38 13	12	22	28	25	28	14
0 47 50	13	24	5	6	36	23	2 42 10	13	23	29	26	8	15
0 51 32	14	25	6	7	14	24	2 46 8	14	24	30	26	46	15
0 55 14	15	26	7	7	53	24	2 50 7	15	25	31	27	39	16
0 58 5	16	27	8	8	32	25	2 54 7	16	26	32	28	1	17
1 2 40	17	28	8	9	10	26	2 58 7	17	27	33	29	51	18
1 6 23	18	29	9	9	47	26	3 2 8	18	28	34	30	22	19
1 10 7	19	30	10	10	25	27	3 6 9	19	29	35	31	13	20
1 13 51	20	1	11	11	5	28	3 10 12	20	30	36	32	5	21
1 17 35	21	2	12	11	43	29	3 14 15	21	31	37	33	1	22
1 21 20	22	3	12	13	22	29	3 18 19	22	32	38	34	2	23
1 25 6	23	4	13	13	0	30	3 22 23	23	33	39	35	3	24
1 28 52	24	5	14	13	39	1	3 26 26	24	34	40	36	4	25
1 32 38	25	6	15	14	18	2	3 30 30	25	35	41	37	5	26
1 36 25	26	7	16	14	56	2	3 34 41	26	36	42	38	6	27
1 40 12	27	8	16	15	35	3	3 38 49	27	37	43	39	7	28
1 44 0	28	9	17	16	14	4	3 42 57	28	38	44	40	8	29
1 47 48	29	10	18	16	53	4	3 47 6	29	39	45	41	9	30
1 51 37	30	11	19	17	32	5	3 51 15	30	40	46	42	10	31

Right Asc. of Meridian.	10	11	12	Ascen Q	2	3	Right Asc. of Meridian.	10	11	12	Ascen Q	2	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
3 51 15	0	9	12	7	54	28	6 0 0	0	7	7	0	0	28
3 55 25	1	10	13	8	37	29	6 4 22	1	8	8	0	45	24
3 59 36	2	11	14	9	20	27	6 8 43	2	9	9	1	30	25
4 3 48	3	12	15	10	3	1	6 13 6	3	10	9	2	15	26
4 8 0	4	13	16	10	47	1	6 17 28	4	11	10	3	0	27
4 12 18	5	14	16	11	30	2	6 21 49	5	11	11	3	45	27
4 16 36	6	15	17	12	13	3	6 26 9	6	12	12	4	30	28
4 20 40	7	15	18	13	56	4	6 30 30	7	13	13	5	15	29
4 24 55	8	16	19	13	40	5	6 34 51	8	14	13	6	0	30
4 29 10	9	17	20	14	24	6	6 39 11	9	15	14	7	44	31
4 33 26	10	18	20	15	8	6	6 43 31	10	16	15	8	29	32
4 37 42	11	19	21	15	52	7	6 47 51	11	17	16	9	14	33
4 41 59	12	20	22	16	36	8	6 52 11	12	18	17	10	0	34
4 46 16	13	21	23	17	19	9	6 56 31	13	19	18	11	48	35
4 50 34	14	22	24	18	4	10	7 0 50	14	20	18	12	32	36
4 54 52	15	23	25	18	49	11	7 5 8	15	21	19	13	16	37
4 59 10	16	24	25	19	33	12	7 9 26	16	22	20	14	0	38
5 3 29	17	25	26	20	17	13	7 13 44	17	23	21	15	40	39
5 7 49	18	26	27	21	1	13	7 18 1	18	24	22	16	24	40
5 12 9	19	27	28	21	46	14	7 22 18	19	25	23	17	8	41
5 16 29	20	27	28	22	31	15	7 26 34	20	26	24	18	52	42
5 20 49	21	28	29	23	16	16	7 30 50	21	27	25	19	36	43
5 25 9	22	29	29	24	0	17	7 35 5	22	28	26	20	20	44
5 29 30	23	30	30	25	45	18	7 39 20	23	29	27	21	11	45
5 33 51	24	1	2	25	30	18	7 43 34	24	30	28	22	0	46
5 38 12	25	2	3	26	15	19	7 47 47	25	31	29	23	13	47
5 42 34	26	3	3	27	0	20	7 52 0	26	32	30	24	25	48
5 46 55	27	4	4	27	45	20	7 56 12	27	33	31	25	36	49
5 51 17	28	5	5	28	30	21	8 0 24	28	34	32	26	47	50
5 55 39	29	6	6	29	15	22	8 4 35	29	35	33	27	58	51
6 0 0	30	7	7	30	0	23	8 8 46	30	36	34	28	69	52

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
			Ω	η	△	△	η	ξ				η	△	△	η	ξ	Ω		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
8	8	45	0	5	2	23	6	18	10	8	23	0	2	25	13	23	11	20	
8	12	54	1	6	2	22	48	19	10	12	12	1	3	26	13	46	12	21	
8	17	3	2	7	3	23	30	19	10	16	0	2	8	26	13	45	13	21	
8	21	11	3	8	4	24	13	20	10	19	48	3	4	27	14	25	14	23	
8	25	19	4	9	5	24	55	21	10	23	35	4	5	28	15	4	14	23	
8	29	26	5	10	6	25	37	22	10	27	22	5	6	29	15	43	15	24	
8	33	31	6	10	6	26	19	22	10	31	8	6	7	29	16	21	16	25	
8	37	37	7	11	7	27	1	23	10	34	54	7	8	30	17	0	17	26	
8	41	41	8	12	8	27	43	24	10	38	40	8	9	1	17	39	18	27	
8	45	45	9	13	9	28	24	25	10	42	25	9	10	2	18	17	19	28	
8	49	48	10	14	9	29	6	26	10	46	9	10	10	3	18	55	19	29	
8	53	51	11	15	10	30	47	26	1	10	49	11	11	3	19	34	20	30	
8	57	52	12	16	11	om	28	27	2	10	53	12	12	4	20	13	21	1	
9	1	53	13	17	12	1	9	28	3	10	57	13	13	4	20	51	22	2	
9	5	53	14	18	13	1	50	29	4	11	1	14	14	5	21	30	23	4	
9	9	53	15	18	13	2	31	29	5	11	4	15	15	6	22	8	24	5	
9	13	52	16	19	14	3	12	1	6	11	8	16	16	6	22	40	24	6	
9	17	50	17	20	15	3	52	1	7	11	12	10	17	7	23	24	25	7	
9	21	47	18	21	16	4	32	2	8	11	15	12	18	7	24	2	26	8	
9	25	44	19	22	17	5	13	3	9	11	19	14	19	18	9	24	40	27	9
9	29	40	20	23	17	5	53	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6	33	4	11	11	26	16	21	20	10	25	59	29	11
9	37	29	22	25	19	7	13	5	12	11	30	17	22	20	11	26	38	29	12
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15	30	13
9	45	16	24	27	21	8	23	7	14	11	37	19	24	22	12	27	53	0	14
9	49	9	25	28	21	9	13	8	15	11	41	20	25	23	13	28	32	1	15
9	53	1	26	28	22	9	51	8	16	11	45	19	26	24	13	29	11	2	16
9	56	53	27	29	23	10	30	9	17	11	49	0	27	25	14	30	53	3	17
10	0	43	28	30	24	11	9	10	18	11	53	40	28	25	15	0	35	4	18
10	4	33	29	1	24	11	48	10	19	11	56	30	29	26	15	1	11	5	20
10	8	23	30	2	25	12	28	11	20	12	0	0	30	27	16	1	47	6	21

Right Asc. of Meridian.			10	11	12	Ascen f	2	3	Right Asc. of Meridian.			10	11	12	Ascen f	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
12	0	0	0	27	16	1	47	6	21	13	51	37	0	21	8	23	4	7	27
12	3	40	1	28	17	2	33	7	22	13	55	27	1	22	9	23	53	9	29
12	7	20	2	29	18	3	11	8	23	13	59	17	2	23	9	24	43	10	1
12	11	0	3	30	19	4	0	9	24	14	3	8	3	24	10	25	31	11	4
12	14	41	4	0	19	4	38	10	25	14	6	59	4	25	11	26	21	13	3
12	18	21	5	1	20	5	7	10	26	14	10	61	5	26	12	27	13	14	4
12	22	3	6	2	20	5	47	11	28	14	14	44	6	26	13	28	5	16	6
12	25	48	7	3	21	6	37	12	29	14	18	37	7	27	13	28	58	17	7
12	29	23	8	4	22	7	6	12	30	14	22	31	8	28	14	29	51	19	8
12	33	4	9	4	23	7	46	14	1	14	26	35	9	29	15	0	45	20	9
12	36	45	10	5	23	8	26	15	2	14	30	30	10	30	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	4	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	25	10	29	18	5	14	42	10	13	2	18	4	30	26	15
12	51	33	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	29	29	18
12	58	67	16	10	27	12	35	21	9	14	54	7	16	5	21	7	26	30	19
12	1	2	17	11	28	13	17	22	10	14	58	7	17	6	22	8	20	3	20
12	6	23	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
12	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	38	6	23
12	13	51	20	13	1	15	37	25	14	15	10	12	20	8	24	11	44	8	24
12	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	53	9	25
12	21	20	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0	11	27
12	25	6	23	15	3	17	38	29	18	15	22	23	23	11	27	15	10	13	29
12	28	53	24	16	3	18	25	30	19	15	26	20	24	12	28	16	21	15	30
12	32	36	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37	17	31
12	36	26	26	18	5	19	57	2	22	15	34	41	26	14	30	18	48	19	32
12	40	13	27	19	6	20	43	3	23	15	38	49	27	15	1	19	59	20	33
12	44	0	28	20	6	21	30	4	24	15	42	57	28	16	2	21	28	22	34
12	47	48	29	21	7	22	18	5	25	15	47	6	29	16	3	22	50	24	35
12	51	37	30	22	8	23	6	7	26	15	51	15	30	17	4	23	13	26	36

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 35' N.

Right Asc. of Meridian.			10	11	12	Ascen W		2	3	Right Asc. of Meridian.			10	11	12	Ascen T		2	3	
H.	M.	S.	°	°	°	°	'	°	'	H.	M.	S.	°	°	°	°	'	°	'	
15	51	15	0	17	4	24	13	26	7	18	0	0	0	17	10	0	0	20	13	
15	55	25	1	18	5	25	39	28	8	18	4	22	1	18	11	1	53	21	14	
15	59	36	2	19	6	27	9	29	10	18	8	43	2	19	13	2	48	23	15	
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	3	28	25	16	
16	8	0	4	21	8	Owall		2	12	18	17	26	4	21	16	11	23	26	17	
16	12	13	5	22	9	1	48	4	13	18	21	48	5	23	18	14	9	27	18	
16	16	26	6	23	10	3	28	6	14	18	26	9	6	24	20	16	58	29	19	
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	31	20	
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	22	16	1	21	
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51	3	22	
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	34	4	23	
16	37	42	11	28	15	12	31	17	21	18	47	51	11	29	29	29	43	5	24	
16	41	59	12	29	16	14	30	19	22	18	52	11	12	1	30	25	19	7	25	
16	46	16	13	30	17	16	31	21	24	18	56	31	13	2	31	4	40	6	26	
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	3	6	58	8	27	
16	54	52	15	2	20	20	49	25	26	19	5	8	15	4	4	9	11	10	28	
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21	11	29	
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29	12	30	
17	7	49	18	5	23	27	41	3	29	19	18	1	18	8	10	15	30	14	31	
17	12	9	19	6	25	Ox 7		7	3	II	19	23	18	19	9	12	17	29	15	32
17	16	29	20	7	26	2	38	8	2	19	28	34	20	10	14	19	34	16	33	
17	20	49	21	8	27	5	9	5	3	19	30	50	21	12	16	21	16	16	34	
17	25	9	22	9	29	7	44	7	4	19	35	5	23	13	18	23	5	18	35	
17	29	30	23	10	30	10	23	8	5	19	39	20	23	14	20	24	51	19	36	
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	22	26	32	20	37	
17	38	13	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12	21	38	
17	42	34	26	13	4	18	37	14	8	19	52	0	26	18	26	29	49	22	39	
17	46	55	27	14	5	21	25	15	9	19	56	12	27	19	28	31	23	23	40	
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	7	2	52	25	41	
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	1	4	21	26	42	
18	0	0	30	17	10	30	0	20	12	20	8	45	30	22	3	5	47	28	43	

Right Asc. of Meridian.			10	11	12	Ascen W		2	3	Right Asc. of Meridian.			10	11	12	Ascen T		2	3
H.	M.	S.	°	°	°	°	'	°	'	H.	M.	S.	°	°	°	°	'	°	'
20	8	45	0	23	8	5	47	26	13	23	8	28	0	3	23	6	55	22	4
20	12	54	1	24	9	7	10	28	14	23	12	12	1	4	24	7	44	23	10
20	17	3	2	25	7	8	33	28	15	23	16	0	2	5	25	8	31	23	11
20	21	11	3	27	9	9	50	29	16	23	19	48	3	7	26	9	17	24	12
20	25	19	4	28	11	11	7	35	17	23	23	35	4	8	27	10	3	25	13
20	29	26	5	29	13	12	23	1	17	23	27	23	5	9	29	10	20	26	14
20	33	31	6	30	15	13	39	2	18	23	31	8	6	10	11	11	35	28	15
20	37	37	7	3	17	14	50	3	19	23	34	54	7	12	1	13	22	27	16
20	41	41	8	4	18	16	0	4	20	23	38	40	8	13	2	13	6	28	17
20	45	45	9	4	20	17	8	5	21	23	42	25	9	14	3	13	49	29	18
20	49	48	10	5	22	18	16	6	22	23	46	9	10	16	4	14	33	29	19
20	53	51	11	7	24	19	23	7	23	23	49	53	11	17	5	15	17	30	20
20	57	53	12	9	26	20	27	7	24	23	53	57	12	18	7	16	9	1	21
21	1	53	13	10	27	21	30	8	24	23	57	20	13	20	8	16	49	2	22
21	5	53	14	11	29	22	33	9	25	23	1	3	14	21	9	17	25	3	23
21	9	53	15	12	3	23	33	10	26	23	4	46	15	22	10	18	7	4	24
21	13	52	16	14	2	24	32	11	27	23	8	28	16	23	11	18	49	5	25
21	17	50	17	15	4	25	30	12	27	23	12	10	17	24	12	19	31	6	26
21	21	47	18	17	6	26	28	12	28	23	15	52	18	26	13	20	12	6	27
21	25	44	19	18	7	27	24	13	29	23	19	34	19	27	14	20	53	6	28
21	29	40	20	19	9	28	20	14	30	23	23	15	30	28	15	21	34	7	29
21	33	35	21	21	10	29	15	15	1	23	26	56	21	29	16	22	14	8	30
21	37	29	22	23	11	Ox 9		16	2	23	30	37	22	3	17	23	52	9	31
21	41	23	23	23	13	1	3	16	3	23	34	18	23	1	18	23	33	9	32
21	45	16	24	25	15	1	55	17	4	23	37	58	24	2	19	24	12	10	33
21	49	9	25	26	16	2	47	18	4	23	41	39	25	4	20	24	53	11	34
21	53	1	26	28	17	3	39	19	5	23	45	19	26	5	21	25	32	11	35
21	57	53	27	29	19	4	30	20	6	23	49	0	27	6	22	26	11	12	36
22	0	48	28	31	21	5	18	21	7	23	53	40	28	7	23	27	49	13	37
22	4	38	29	1	22	6	7	22	8	23	56	30	29	8	24	28	27	13	38
22	8	28	30	2	23	7	58	23	9	24	0	9	30	9	25	29	28	14	39

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JANUARY XXXI DAYS.

D	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	17	08	26	14	N 1	28	9
4	16	17	0	26	14	1	2	8
7	16	17	0	26	14	0	2	8
10	16	17	0	25	14	0	2	7
13	16	17	0	25	14	0	2	6
16	16	17	0	25	14	0	2	5
19	16	16	0	25	14	0	2	4
22	16	16	0	25	14	0	2	4
25	16	16	0	25	14	1	2	4
28	16	15	0	25	14	1	2	3
31	16	15	0	25	14	2	2	1

D	D	Sidereal	☉	☉	☽	☽	☽	♂
M	W	Time.	Long.	Declin	Long.	Lat.	Declin	Long.
		H. M. S.	°	'	°	'	°	'
1	S	18 43 14	10w 49 28	23 S 1	12w 13	4 S 37	21 S 34	8 44
2	M	18 47 11	11 50 40	22 56 26	40	5 4	17 24	8 44
3	Tu	18 51 7	12 51 51	22 50 10	39	5 13	12 24	8 43
4	W	18 55 4	13 53 22	22 44 24	10	5 3	6 58	8 43
5	Th	18 59 1	14 54 12	22 38 7	13	4 38	1 24	8 42
6	F	19 2 57	15 55 22	22 31 19	51	4 0	4 N 4	8 41
7	S	19 6 54	16 56 31	22 23 28	10	3 12	9 14	8 40
8	S	19 10 50	17 57 40	22 15 14	13	2 16	13 57	8 40
9	M	19 14 47	18 58 48	22 7 26	7	1 15	18 5	8 39
10	Tu	19 18 43	19 59 56	21 58 7	11 54	0 12	21 27	8 39
11	W	19 22 40	21 1 3	21 49 19	41	0 N 52	23 56	8 38
12	Th	19 26 37	22 2 10	21 39 1	29	1 54	25 21	8 38
13	F	19 30 33	23 3 16	21 29 13	22	2 51	25 37	8 38
14	S	19 34 30	24 4 21	21 19 25	22	3 41	24 42	8 38
15	S	19 38 26	25 5 26	21 8 7	30	4 21	22 37	8 38
16	M	19 42 23	26 6 31	20 57 19	47	4 50	19 28	8 38
17	Tu	19 46 19	27 7 35	20 45 2	15	5 5	15 25	8 38
18	W	19 50 16	28 8 39	20 33 14	54	5 6	10 39	8 D 38
19	Th	19 54 12	29 9 42	20 21 27	45	4 51	5 21	8 38
20	F	19 58 9	0m 10 45	20 8 10	51	4 22	0 S 17	8 38
21	S	20 2 6	1 11 47	19 55 24	12	3 37	6 1	8 39
22	S	20 6 2	2 12 49	19 41 7	m 50	2 40	11 37	8 39
23	M	20 9 59	3 13 51	19 27 21	48	1 31	16 46	8 39
24	Tu	20 13 55	4 14 51	19 13 6	f 5	0 16	21 5	8 40
25	W	20 17 52	5 15 51	18 58 20	39	1 S 2	24 10	8 40
26	Th	20 21 48	6 16 51	18 43 5	w 27	2 17	25 37	8 40
27	F	20 25 45	7 17 50	18 27 20	23	3 23	25 15	8 41
28	S	20 29 41	8 18 47	18 12 5	m 19	4 14	23 4	8 41
29	S	20 33 38	9 19 44	17 56 20	5	4 49	19 21	8 42
30	M	20 37 35	10 20 40	17 40 4	x 34	5 3	14 33	8 42
31	Tu	20 41 31	11 21 34	17 23 18	38	4 59	9 5	8 43

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	3 N 6	8 N 27	0 S 44	13 S 5	0 N 54	22 S 12	8 ♄ 48
4	3 12	8 20	0 22	11 50	0 29	22 51	8 39
7	3 18	8 15	0 1	10 35	0 5	23 22	8 29
10	3 24	8 13	0 N 24	9 19	0 S 16	23 43	8 19
13	3 29	8 13	0 50	8 5	0 38	23 54	8 10
16	3 35	8 16	1 20	6 51	0 56	23 54	8 0
19	3 41	8 21	1 50	5 39	1 15	23 43	7 51
22	3 46	8 29	2 23	4 30	1 30	23 19	7 41
25	3 51	8 39	2 56	3 24	1 43	22 42	7 32
28	3 56	8 52	3 32	2 22	1 53	21 53	7 22
31	4 0	9 8	4 9	1 25	1 59	20 50	7 12

D M	h	♄	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	♈	♉	♊	♋	♌	♍
	°	'	°	'	°	'							
1	25 8 26	7 0 15	0 15 52	27 21 20	21 20 11								
2	25 8 24	7 14 16	3 28 15	21 31									
3	25 21	7 28 16	13 29 8	22 52			*	*		*	♋		*
4	25 19	7 42 16	23 0 24	14		♋ ☐ ♈			*				☐
5	25 17	7 56 16	32 0 52	25 37						☐			
6	25 15	8 10 16	40 1 43	27 1			☐						
7	25 12	8 23 16	48 2 33	28 26		☉ Δ ♋			♈			*	Δ
8	25 10	8 17 16	55 3 22	29 52		♋ * ♈	Δ	♈		Δ	Δ	*	
9	25 8	8 51 17	1 4 11	1 18					♈				
10	25 6	9 4 17	7 4 59	2 45							☐	☐	
11	25 5	9 18 17	12 5 45	4 13									
12	25 3	9 32 17	16 6 30	5 41									
13	25 1	9 45 17	20 7 14	7 10		♋ * ♋		*		♋	*	Δ	♋
14	24 59	9 59 17	23 7 58	8 40		♋ Δ ♈	♋		*				
15	24 58	10 13 17	25 8 40	10 10		☉ Δ ♈		☐					
16	24 57	10 27 17	26 9 21	11 41					☐				
17	24 56	10 40 17	27 10 13	12					Δ		Δ	♈	♋ Δ
18	24 56	10 54 17	27 10 40	14 44						Δ		♈	
19	24 55	11 7 17	26 11 17	16 16		♋ * ♋	Δ		Δ		♈	♋	Δ
20	24 54	11 21 17	25 11 53	17 49		♋ Δ ♋				☐			
21	24 54	11 34 17	23 12 27	19 23									☐
22	24 53	11 48 17	20 13 0	20 57				☐	♋		*		Δ *
23	24 53	12 1 17	16 13 32	22 32						♋		*	*
24	24 52	12 15 17	11 14 2	24 8		♋ Δ ♈	*						
25	24 52	12 28 17	6 14 30	25 44							☐	☐	
26	24 52	12 42 17	0 14 57	27 21					Δ		♈		
27	24 52	12 55 16	53 15 22	28 58						Δ		Δ *	
28	24 52	13 8 16	45 15 45	0 36		☉ ☐ ♈	♈		☐				♈
29	24 53	13 21 16	36 16 6	2 15						☐			
30	24 53	13 34 16	27 16 25	3 54		♋ ♋ ♋		*		*	*	♋	♈
31	24 54	13 47 16	17 16 42	5 35						*	*	♋	♈

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	17	0 S 26	14 N 1	2 S 9	17 N 3	0 N 4	23 S 13
4	16	17	0 26	14 1	2 8	17 2	0 4	23 11
7	16	17	0 26	14 0	2 8	17 1	0 3	23 9
10	16	17	0 25	14 0	2 7	17 1	0 3	23 7
13	16	17	0 25	14 0	2 6	17 0	0 2	23 4
16	16	17	0 25	14 0	2 5	17 0	0 2	23 1
19	16	16	0 25	14 0	2 4	17 0	0 2	22 58
22	16	16	0 25	14 0	2 4	17 1	0 1	22 55
25	16	16	0 25	14 1	2 4	17 1	0 1	22 52
28	16	15	0 25	14 1	2 3	17 2	0 1	22 48
31	16	15	0 25	14 2	2 1	17 3	0 1	22 45

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	18 43 14	10 w 49 28	23 S 1	12 m 13	4 S 37	21 S 34	8 s 44
2	M	18 47 11	11 50 40	22 56 26	40 5	4 17	21 8	8 44
3	Tu	18 51 7	12 51 51	22 50 10	39 5	13 12	24 8	8 43
4	W	18 55 4	13 53 22	44 24	10 5	3 6	58 8	8 43
5	Th	18 59 1	14 54 12	22 38 7	13 4	38 1	24 8	8 42
6	F	19 2 57	15 55 22	22 31 19	51 4	0 4	N 4	8 41
7	S	19 6 54	16 56 31	22 23 28	10 3	12 9	14 8	8 40
8	S	19 10 50	17 57 40	22 15 14	13 2	16 13	57 8	8 40
9	M	19 14 47	18 58 48	22 7 26	7 1	15 18	5 8	8 39
10	Tu	19 18 43	19 59 56	21 58 7	11 54	0 12	21 27	8 39
11	W	19 22 40	21 1 32	21 49 19	41 0	N 52	23 56	8 38
12	Th	19 26 37	22 2 10	21 39 1	29 1	54 25	21 8	8 38
13	F	19 30 33	23 3 16	21 29 13	22 2	51 25	37 8	8 38
14	S	19 34 30	24 4 21	21 19 25	22 3	41 24	42 8	8 38
15	S	19 38 26	25 5 26	21 8 7	30 4	21 22	37 8	8 38
16	M	19 42 23	26 6 31	20 57 19	47 4	50 19	28 8	8 35
17	Tu	19 46 19	27 7 35	20 45 2	15 5	5 15	25 8	8 38
18	W	19 50 16	28 8 39	20 33 14	54 5	6 10	39 8	D 38
19	Th	19 54 12	29 9 42	20 21 27	45 4	51 5	21 8	8 38
20	F	19 58 9	0 m 10 45	20 8 10	51 4	22 0	S 17	8 38
21	S	20 2 6	1 11 47	19 55 24	12 3	37 6	1 8	8 39
22	S	20 6 2	2 12 49	19 41 7	m 50	2 40	11 37	8 39
23	M	20 9 59	3 13 51	19 27 21	48 1	31 16	46 8	8 39
24	Tu	20 13 55	4 14 51	19 13 6	f 5	0 16	21 5	8 40
25	W	20 17 52	5 15 51	18 58 20	39 1	S 22	10 8	8 40
26	Th	20 21 48	6 16 51	18 43 5	w 27	2 17	25 37	8 40
27	F	20 25 45	7 17 50	18 27 20	23 3	23 25	15 8	8 41
28	S	20 29 41	8 18 47	18 12 5	m 19	4 14	23 4	8 41
29	S	20 33 38	9 19 44	17 56 20	5 4	49 19	21 8	8 42
30	M	20 37 35	10 20 40	17 40 4	x 34	5 3	14 33	8 42
31	Tu	20 41 31	11 21 34	17 23 18	38 4	59 9	5 8	8 43

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 N 6	8 N 27	0 S 44	13 S 5	0 N 54	22 S 12	8 ♀ 48
4	3 12	8 20	0 22	11 50	0 29	22 51	8 39
7	3 18	8 15	0 1	10 35	0 5	23 22	8 29
10	3 24	8 13	0 N 24	9 19	0 S 16	23 43	8 19
13	3 29	8 13	0 50	8 5	0 38	23 54	8 10
16	3 35	8 16	1 20	6 51	0 56	23 54	8 0
19	3 41	8 21	1 50	5 39	1 15	23 43	7 51
22	3 46	8 29	2 23	4 30	1 30	23 19	7 41
25	3 51	8 39	2 56	3 24	1 43	22 42	7 32
28	3 56	8 52	3 32	2 22	1 53	21 53	7 22
31	4 0	9 8	4 9	1 25	1 59	20 50	7 12

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♅	♁	♂	♀
	° /	° /	° /	° /	° /								
1	25 8 26	7 0 15	♄ 52	27 21	20 7 11								
2	25 8 24	7 14 16	3 28	15 21	31							♂	*
3	25 21	7 28 16	13 20	8 22	52		*	*		*		♂	
4	25 19	7 42 16	23 0	0 24	14	♀ ☐ ☿			*				☐
5	25 17	7 56 16	32 0	52 25	37								
6	25 15	8 10 16	40 1	43 27	1		☐						
7	25 12	8 23 16	48 2	33 28	26	☉ Δ ♂						*	Δ
8	25 10	8 17 16	55 3	22 29	52	♄ * ☿	Δ	♂			Δ	Δ	
9	25 8	8 51 17	1 4	11 1	18				♂				
10	25 6	9 4 17	7 4	59 2	45						☐	☐	
11	25 5	9 18 17	12 5	45 4	13								
12	25 3	9 32 17	16 6	30 5	41							Δ	♂
13	25 1	9 45 17	20 7	14 7	10	♂ * ♀		*		♂	*		
14	24 59	9 59 17	23 7	58 8	40	♀ Δ ☿	♂		*				
15	24 58	10 13 17	25 8	40 10	10	☉ Δ ♄		☐					
16	24 57	10 27 17	26 9	21 11	41				☐				
17	24 56	10 40 17	27 10	1 13	12								
18	24 56	10 54 17	27 10	40 14	44			Δ		Δ	♂	♂	Δ
19	24 55	11 7 17	♄ 26	11 17	16	♀ * ♄	Δ		Δ				
20	24 54	11 21 17	25 11	53 17	49	♀ Δ ♂				☐			
21	24 54	11 34 17	23 12	27 19	23								☐
22	24 53	11 48 17	20 13	0 20	57		☐	♂		*		Δ	*
23	24 53	12 1 17	16 13	32 22	32				♂		*		*
24	24 52	12 15 17	11 14	2 24	8	♂ Δ ♄	*						
25	24 52	12 28 17	6 14	30 25	44							☐	☐
26	24 52	12 42 17	0 14	57 27	21			Δ		♂			
27	24 52	12 55 16	53 15	22 28	58				Δ		Δ	*	
28	24 52	13 8 16	45 15	45 0	36	☉ ☐ ☿	♂	☐					♂
29	24 53	13 21 16	36 16	6 2	15				☐				
30	24 53	13 34 16	27 16	25 3	54	♀ ♂ ♂		*		*	♂	♂	
31	24 54	13 47 16	17 16	42 5	35				*	*	♂	♂	

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	9	0 S 24	14 N 17	1 S 54	17 N 26	0 S 3	23 S 4
4	16	8	0 24	14 19	1 53	17 30	0 4	21 39
7	16	8	0 24	14 21	1 52	17 33	0 4	21 55
10	16	7	0 24	14 23	1 51	17 37	0 4	21 50
13	16	6	0 24	14 26	1 50	17 41	0 5	21 46
16	16	5	0 24	14 28	1 49	17 45	0 5	21 41
19	16	4	0 24	14 31	1 49	17 49	0 5	21 37
22	16	4	0 24	14 34	1 48	17 53	0 5	21 33
25	16	3	0 24	14 36	1 48	17 58	0 6	21 29
28	16	2	0 24	14 39	1 47	18 2	0 6	21 25
31	16	1	0 24	14 42	1 46	18 7	0 6	21 21

D M	D W	Sidereal Time.	☉		☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	°	'					
1	W	22 35 51	10	37 21	7 S 35	10 r 5	4 S 7	0 N 12	9 s 27
2	Th	22 39 48	11	37 31	7 18 23	13	3 21 5	55	9 29
3	F	22 43 44	12	37 38	6 50	5 s 58	2 27 11	13	9 32
4	S	22 47 41	13	37 43	6 27 18	21	1 26 15	55	9 34
5	S	22 51 37	14	37 46	6 3	0 n 28	0 23 19	53	9 36
6	M	22 55 34	15	37 47	5 40 12	24	0 N 40	22 58	9 38
7	Tu	22 59 30	16	37 46	5 17 24	13	1 41 25	1	9 40
8	W	23 3 27	17	37 43	4 54 6	5	2 37 25	56	9 42
9	Th	23 7 24	18	37 37	4 30 17	54	3 27 25	41	9 44
10	F	23 11 20	19	37 29	4 7 29	57	4 9 24	14	9 46
11	S	23 15 17	20	37 19	3 43 12	12	4 39 21	37	9 49
12	S	23 19 13	21	37 7	3 20 24	43	4 57 17	58	9 52
13	M	23 23 10	22	36 53	2 56 7	31	5 1 13	24	9 55
14	Tu	23 27 6	23	36 37	2 32 20	36	4 49 8	9	9 58
15	W	23 31 3	24	36 18	2 9 3	57	4 21 2	25	10 0
16	Th	23 34 59	25	35 58	1 45 17	32	3 38 3	31	10 3
17	F	23 38 56	26	35 36	1 21 1	17	2 42 9	24	10 5
18	S	23 42 53	27	35 13	0 58 15	9	1 36 14	52	10 8
19	S	23 46 49	28	34 47	0 34 29	8	0 23 19	37	10 11
20	M	23 50 46	29	34 20	0 10 13	11	0 S 52	23	16 10 14
21	Tu	23 54 42	0	33 50	0 N 13	27 16	2 4 25	30	10 17
22	W	23 58 39	1	33 20	0 37 11	24	3 8 26	6	10 20
23	Th	0 2 35	2	32 47	1 1 25	32	4 1 25	0	10 22
24	F	0 6 32	3	32 13	1 24 9	40	4 39 22	20	10 25
25	S	0 10 28	4	31 37	1 48 23	44	5 1 18	21	10 28
26	S	0 14 25	5	30 59	2 12 7	41	5 4 13	23	10 31
27	M	0 18 22	6	30 19	2 35 21	27	4 49 7	49	10 34
28	Tu	0 22 18	7	29 37	2 59 4	59	4 18 1	58	10 36
29	W	0 26 15	8	28 53	3 22 18	14	3 34 3	N 52	10 39
30	Th	0 30 11	9	28 7	3 45 1	11	2 39 9	24	10 42
31	F	0 34 8	10	27 19	4 9 18	49	1 38 14	26	10 45

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	4 N15	12 N56	9 N 8	0 S 2	0 N36	0 S 35	5 ♀ 40
4	4 12	13 20	8 50	0 46	1 10	1 N44	5 31
7	4 10	13 42	8 33	1 33	1 57	3 42	5 21
10	4 2	14 1	8 10	2 22	2 36	5 11	5 12
13	3 59	14 19	7 48	3 10	3 7	6 3	5 2
16	3 54	14 33	7 19	3 54	3 26	6 15	4 53
19	3 46	14 45	6 46	4 33	3 32	5 46	4 43
22	3 40	14 55	6 13	5 6	3 21	4 43	4 34
25	3 33	15 1	5 35	5 33	2 54	3 16	4 24
28	3 25	15 5	4 58	5 52	2 14	1 41	4 15
31	3 17	15 6	4 23	6 5	1 29	0 12	4 5

D M	h ₂		♂		♀		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀	♂	♀
	° /	° /	° /	° /	° /	° /									
1	25 58	19 42	6 55	8 58	27 10										
2	26 2	19 53	6 32	8 20	28 40										
3	26 6	20 4	6 8	7 44	0 6				♂			Δ	*		
4	26 10	20 15	5 45	7 8	1 26			*				Δ			
5	26 14	20 26	5 22	6 34	2 40				♂			□	□	*	
6	26 18	20 36	4 59	6 0	3 47			□							
7	26 22	20 47	4 36	5 28	4 47										
8	26 26	20 57	4 14	4 57	5 41				*			*	Δ	□	
9	26 30	21 8	3 53	4 29	6 25	☉ P ♀	Δ			♂					
10	26 35	21 18	3 31	4 2	7 2					*					
11	26 39	21 28	3 10	3 37	7 31			□							Δ
12	26 43	21 38	2 50	3 15	7 51	☉ * ♀			□						
13	26 48	21 48	2 30	2 55	8 2			Δ				♂	♂		
14	26 53	21 58	2 11	2 37	8 4			♂		Δ	Δ				
15	26 58	22 8	1 52	2 22	7 59	☿ P ♂									♂
16	27 3	22 18	1 34	2 8	7 45							□			
17	27 8	22 27	1 17	1 58	7 24								*	Δ	
18	27 13	22 37	1 0	1 49	6 56	☉ * ♀	Δ	♂		♂	*		□	□	Δ
19	27 18	22 46	0 44	1 45	6 21			Δ		♂	*		□	□	
20	27 23	22 55	0 29	1 42	5 41										
21	27 28	23 4	0 14	1 41	4 56			□					Δ	*	
22	27 33	23 13	0 0	1 D43	4 8	☉ ♀		Δ							□
23	27 39	23 22	29 Ω 47	1 47	3 17	☉ ♀			Δ	♂					
24	27 45	23 31	29 35	1 53	2 25	☉ ♂ ♀	*		□			♂			*
25	27 51	23 40	29 23	2 3	1 32					□		♂			
26	27 57	23 48	29 12	2 14	0 41			*						♂	
27	28 3	23 56	29 2	2 26	29 50				*	*					
28	28 9	24 4	28 52	2 41	29 3			♂							♂
29	28 15	24 12	28 43	2 59	28 20	h * ♀						□			
30	28 21	24 20	28 36	3 19	27 40								Δ	*	
31	28 27	24 28	28 29	3 39	27 5	h □ ♂		♂							

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	2	08 24	14 N 43	18 46	18 N 8	08 6	21 S 20
4	16	1	0 24	14 46	1 45	18 13	0 7	21 16
7	16	0	0 24	14 49	1 45	18 17	0 7	21 13
10	15	59	0 23	14 52	1 45	18 22	0 8	21 10
13	15	58	0 23	14 55	1 44	18 27	0 8	21 7
16	15	58	0 23	14 59	1 44	18 32	0 9	21 4
19	15	57	0 23	15 2	1 44	18 36	0 9	21 2
22	15	56	0 23	15 5	1 43	18 41	0 9	20 59
25	15	55	0 23	15 8	1 43	18 46	0 10	20 55
28	15	55	0 23	15 11	1 42	18 51	0 10	20 56

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	0 38 4	11 26 28	4 N 32	26 8 9	08 33	18 N 46	10 8 49
2	S	0 42 1	12 25 36	4 55	8 11 16	0 N 32	22 14	10 52
3	M	0 45 57	13 24 41	5 18	20 12	1 35	24 40	10 55
4	Tu	0 49 54	14 23 43	5 41	25 2	2 33	26 0	10 56
5	W	0 53 51	15 22 44	6 4	13 51	3 25	26 8	11 2
6	Th	0 57 47	16 21 42	6 26	25 45	4 9	25 5	11 5
7	F	1 1 44	17 20 38	6 49	7 2 49	4 42	22 52	11 8
8	S	1 5 40	18 19 32	7 11	20 7	5 2	19 34	11 11
9	S	1 9 37	19 18 23	7 34	2 43	5 9	15 11	11 14
10	M	1 13 33	20 17 13	7 51	15 39	5 1	10 17	11 17
11	Tu	1 17 30	21 16 0	8 18	28 57	4 36	4 38	11 21
12	W	1 21 26	22 14 45	8 40	12 35	3 55	1 S 22	11 24
13	Th	1 25 23	23 13 28	9 2	26 31	3 0	7 27	11 27
14	F	1 29 20	24 12 9	9 24	10 42	1 52	13 16	11 30
15	S	1 33 16	25 10 48	9 45	25 1	0 36	18 27	11 34
16	S	1 37 13	26 9 25	10 6	9 25	08 42	22 35	11 37
17	M	1 41 9	27 8 11	10 28	23 49	1 58	25 17	11 40
18	Tu	1 45 6	28 6 35	10 49	8 9	3 6	26 18	11 44
19	W	1 49 2	29 5 7	11 9	22 23	4 2	25 35	11 47
20	Th	1 52 59	0 3 35	11 30	6 28	4 43	23 14	11 50
21	F	1 56 55	1 2 7	11 51	20 24	5 7	19 33	11 54
22	S	2 0 52	2 0 35	12 11	4 9	5 13	14 51	11 56
23	S	2 4 49	2 59 1	12 31	17 42	5 1	9 29	12 2
24	M	2 8 45	3 57 25	12 51	1 2	4 33	8 45	12 5
25	Tu	2 12 42	4 55 48	13 11	14 8	3 51	2 N 2	12 9
26	W	2 16 38	5 54 8	13 30	27 1	2 57	7 39	12 12
27	Th	2 20 35	6 52 28	13 49	9 39	1 56	12 53	12 16
28	F	2 24 31	7 50 45	14 8	22 4	0 51	17 29	12 19
29	S	2 28 28	8 49 14	27 4	11 16	0 N 16	21 17	12 22
30	S	2 32 24	9 47 15	14 46	16 18	1 22	24 6	12 26

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 N 15	15 N 6	4 N 13	6 S 7	1 N 13	0 S 15	4 II 2
4	3 7	15 3	3 40	6 10	0 26	1 22	3 53
7	3 0	14 59	3 7	6 7	0 S 19	2 6	3 43
10	2 52	14 52	2 36	5 57	0 59	2 28	3 34
13	2 44	14 42	2 6	5 41	1 33	2 27	3 24
16	2 37	14 31	1 42	5 18	1 57	2 6	3 15
19	2 30	14 18	1 13	4 51	2 23	1 26	3 5
22	2 24	14 3	0 48	4 19	2 39	0 30	2 56
25	2 18	13 46	0 26	3 41	2 48	0 N 41	2 46
28	2 9	13 27	0 7	3 0	2 53	2 5	2 37

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	28 33	24 36	28 23	4 23	1 26	♈ 34			♈	♈	♈		*
2	28 39	24 44	28 18	4 26	2 26	♈ 9	*					♈	
3	28 46	24 51	28 13	4 52	2 50	♈ 50	☉ ♌ h						♈
4	28 51	24 58	28 9	5 20	2 36						*	♈	
5	28 57	25 5	28 6	5 49	2 28	☉ P ♈	☉ *						
6	29 4	25 12	28 4	6 19	2 25				*	♈			♈
7	29 10	25 18	28 2	6 51	2 27	D 27		☉		*	♈		
8	29 16	25 25	28 1	7 25	2 35		♈						
9	29 23	25 31	28 1	8 0	2 48						♈	♈	
10	29 29	25 38	28 D 2	8 36	2 5	♈ P ♈	☉	♈					
11	29 36	25 44	28 3	9 13	2 26				♈	♈			♈
12	29 43	25 50	28 5	9 52	2 55								
13	29 50	25 56	28 8	10 32	2 26			♈			♈	*	
14	29 57	26 2	28 12	11 12	2 1	♀ * ♈		♈				♈	♈
15	0 4	26 7	28 16	11 54	2 41			♈		*	♈		♈
16	0 11	26 13	28 21	12 37	2 29	☉ ☉ ♈							♈
17	0 18	26 18	28 26	13 0	2 11	♀ * ♈	♈					♈	♈
18	0 25	26 23	28 32	14 6	1 0	☉ Δ ♈		♈				*	
19	0 32	26 28	28 39	14 52	1 54					♈			
20	0 39	26 32	28 47	15 39	2 50	☉ ♌ h	☉	☉	♈				*
21	0 46	26 37	28 55	16 26	3 49								
22	0 53	26 41	29 4	17 14	4 51		*		☉		♈	♈	
23	1 0	26 45	29 13	18 2	5 56	☉ ♌ ♈		*		*			♈
24	1 7	26 49	29 23	18 52	7 4				*	*			
25	1 15	26 53	29 33	19 43	8 14								♈
26	1 22	26 57	29 44	20 34	9 26	☉ P ♈					☉	♈	
27	1 29	27 1	29 56	21 25	10 41		♈	♈					
28	1 37	27 4	29 8	22 17	11 58					♈		*	
29	1 44	27 7	29 21	23 10	13 18				♈				
30	1 51	27 10	29 34	24 4	14 39								*

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	08 23	15 N 15	18 42	18 N 56	08 11	20 55
4	15	52	0 23	15 18	1 41	19 0	0 11	20 54
7	15	51	0 23	15 21	1 40	19 5	0 12	20 53
10	15	51	0 23	15 24	1 40	19 10	0 12	20 53
13	15	50	0 23	15 27	1 40	19 14	0 12	20 53
16	15	49	0 23	15 30	1 40	19 19	0 13	20 53
19	15	49	0 23	15 33	1 40	19 24	0 13	20 54
22	15	48	0 23	15 36	1 40	19 28	0 14	20 55
25	15	48	0 23	15 39	1 40	19 32	0 14	20 57
28	15	47	0 23	15 42	1 40	19 37	0 15	20 58
31	15	47	0 23	15 45	1 39	19 41	0 15	21 0

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	2 36 21	10 45 26	15 N 4	28 11	2 N 23	25 N 50	12 30
2	Tu	2 40 17	11 43 36	15 22	10 51	3 18	26 22	12 33
3	W	2 44 14	12 41 44	15 40	21 51	4 42	25 42	12 37
4	Th	2 58 11	13 39 50	15 57	3 45	4 40	23 52	12 40
5	F	2 52 7	14 87 54	16 14	15 48	5 52	20 57	12 44
6	S	2 56 4	15 35 56	16 31	28 5	5 16	17 5	12 47
7	S	3 0 0	16 33 56	16 48	10 40	5 12	12 24	12 51
8	M	3 3 57	17 31 55	17 52	28 37	4 53	7 1	12 54
9	Tu	3 7 53	18 29 51	17 21	6 58	4 18	1 11	12 58
10	W	3 11 50	19 27 46	17 37	20 43	3 26	48 54	13 1
11	Th	3 15 47	20 25 39	17 52	4 52	2 21	10 56	13 5
12	F	3 19 43	21 23 31	18 7	19 22	1 6	16 31	13 8
13	S	3 23 40	22 21 21	18 22	4 7	0 8	15 21	13 11
14	S	3 27 36	23 19 10	18 37	18 52	1 36	24 35	13 15
15	M	3 31 33	24 16 57	18 51	3 42	2 50	26 15	13 18
16	Tu	3 35 29	25 14 43	19 5	18 24	3 53	26 2	13 22
17	W	3 39 26	26 12 29	19 19	2 54	4 39	24 3	13 25
18	Th	3 43 22	27 10 12	19 33	17 8	5 8	20 36	13 28
19	F	3 47 19	28 7 55	19 46	1 3	5 17	16 3	13 32
20	S	3 51 16	29 5 37	19 58	14 40	5 9	10 47	13 35
21	S	3 55 12	0 18 20	11 27	58 4	4 44	5 9	13 39
22	M	3 59 9	1 0 58	20 23	10 59	4 5	0 N 36	13 42
23	Tu	4 3 5	1 58 37	20 34	23 45	3 14	6 13	13 45
24	W	4 7 2	2 56 14	20 46	6 17	2 15	11 30	13 49
25	Th	4 10 58	3 53 51	20 57	18 37	1 10	16 16	13 52
26	F	4 14 55	4 51 27	21 7	0 47	0 3	20 17	13 55
27	S	4 18 51	5 49 12	21 18	12 49	1 N 3	23 24	13 59
28	S	4 22 48	6 46 35	21 28	24 44	2 6	25 27	14 2
29	M	4 26 45	7 44 7	21 37	6 35	3 3	26 21	14 5
30	Tu	4 30 41	8 41 38	21 46	18 24	3 52	26 2	14 9
31	W	4 34 38	9 39 8	21 55	0 14	4 32	24 32	14 12

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.						
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.							
	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''	° ' ''							
1	2 N 3	13 N 7	0 S 16	2 S 14	2 S 52	3 N 41	2 11 26						
4	1 57	12 46	0 31	1 25	2 46	5 26	2 17						
7	1 52	12 23	0 50	0 33	2 34	7 21	2 7						
10	1 45	11 58	1 2	0 N 22	2 19	9 22	1 58						
13	1 39	11 32	1 20	1 19	1 58	11 30	1 48						
16	1 32	11 5	1 31	2 19	1 45	13 41	1 39						
19	1 28	10 37	1 42	3 21	1 5	15 52	1 29						
22	1 23	10 8	1 52	4 24	0 36	18 0	1 20						
25	1 19	9 37	2 0	5 28	0 3	20 1	1 10						
28	1 14	9 6	2 6	6 33	0 N 29	21 48	1 1						
31	1 10	8 33	2 12	7 38	1 3	23 17	0 51						
D M	h	♄	♀	♀	☿	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	♈	♉	♊	♋	♌	♍
1	1 11 59	27 12	0 48	24 58	16 7 3							*	□
2	2 6 27	15	1 25	53 17	29	☉ P ♈	*	*					
3	2 13 27	17	1 17 26	48 18	56	☉ ♂ ♈					♂	Δ	□
4	2 21 27	20	1 32 27	43 20	28	♄ * ♀				*			
5	2 29 27	22	1 48 28	39 21	58		□	□					
6	2 36 27	24	2 4 29	35 23	32					□		♂	Δ
7	2 44 27	25	2 21 0 7	32 25	8		Δ	Δ					
8	2 51 27	27	2 38 1	30 26	46					Δ			
9	2 58 27	28	2 56 2	28 28	26	♂ □ ♈				Δ		♂	
10	3 6 27	29	3 14 3	26 0 8	8	♈ * ♀				□			
11	3 14 27	30	3 32 4	25 1	52							*	♂
12	3 22 27	30	3 51 5	24 3	38	♀ Δ ♂	♂	♂					
13	3 30 27	31	4 10 6	23 5	26				♂	*	□	Δ	
14	3 37 27	31	4 29 7	22 7	16	♀ √ ♀							
15	3 45 27	32	4 49 8	22 9	8						Δ	□	Δ
16	3 53 27	32	5 9 9	22 11	2			Δ					
17	4 0 27	31	5 30 10	23 12	58	♈ ♂ ♀	Δ		Δ	♂			
18	4 8 27	31	5 51 11	24 14	56	☉ Δ ♄		□				*	□
19	4 16 27	30	6 13 12	26 16	55		□		□		♂		
20	4 23 27	29	6 34 13	27 18	57	♈ √ ♀		*					*
21	4 31 27	28	6 56 14	29 21	0		*		*	*			
22	4 39 27	27	7 18 15	31 23	5							♂	
23	4 47 27	26	7 41 16	34 25	12					□			
24	4 55 27	24	8 4 17	36 27	20	♄ Δ ♀					Δ		
25	5 3 27	23	8 28 18	39 29	29	☉ P ♄	♂						
26	5 10 27	21	8 52 19	42 1 11	40	☉ ♂ ♈	♂		♂	Δ			♂
27	5 18 27	19	9 16 20	46 3	51						□		
28	5 26 27	17	9 40 21	49 6	2	♀ ♂ ♈						*	
29	5 34 27	14	10 5 22	53 8	14							*	
30	5 42 27	11	10 30 23	57 10	26			*					
31	5 50 27	8	10 55 25	1 12	38				*	♂		□	

JUNE XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	08	23	18	39	08	15
4	15	48	0	23	1	39	0	16
7	15	47	0	23	1	39	0	16
10	15	47	0	23	1	39	0	17
13	15	47	0	23	1	39	0	18
16	15	46	0	23	1	39	0	18
19	15	46	0	23	1	39	0	19
22	15	46	0	23	1	39	0	19
25	15	46	0	23	1	39	0	20
28	15	46	0	23	1	38	0	20

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	4 38 34	10 36 36	22 N 3	12 2 9	4 N 59	21 N 57	14 15
2	F	4 42 31	11 34 42	22	11 24 12	5 14	18 24	14 18
3	S	4 46 27	12 31 30	22	19 6 27	5 15	14 2	14 21
4	S	4 50 24	13 28 55	22	26 18 59	5 2 8	59	14 24
5	M	4 54 20	14 26 18	22	33 1 52	4 33	3 26	14 27
6	Tu	4 58 17	15 23 41	22	40 15 8	3 49	28 27	14 30
7	W	5 2 14	16 21 32	22	46 28 51	2 50	8 25	14 33
8	Th	5 6 10	17 18 23	22	51 13 0	1 40	14 10	14 36
9	F	5 10 7	18 15 43	22	56 27 34	0 21	19 18	14 39
10	S	5 14 3	19 13 22	23	1 12 27	18 1	23 19	14 42
11	S	5 18 0	20 10 20	23	6 27 33	2 20	25 46	14 45
12	M	5 21 56	21 7 37	23	10 12 43	3 29	26 19	14 48
13	Tu	5 25 53	22 4 54	23	13 27 46	4 23	24 55	14 51
14	W	5 29 49	23 2 11	23	17 12 35	4 59	21 49	14 54
15	Th	5 33 46	23 59 27	23	19 27 3	5 14	17 25	14 57
16	F	5 37 43	24 56 43	23	22 11 7	5 10	12 11	15 0
17	S	5 41 39	25 53 58	23	24 24 45	4 49	6 30	15 3
18	S	5 45 36	26 51 14	23	25 7 58	4 12	0 42	15 6
19	M	5 49 32	27 48 29	23	26 20 50	3 24	4 N 59	15 8
20	Tu	5 53 29	28 45 44	23	27 3 23	2 27	10 21	15 11
21	W	5 57 25	29 42 59	23	28 15 42	1 24	15 13	15 13
22	Th	6 1 22	30 40 14	23	27 27 49	0 18	19 23	15 16
23	F	6 5 18	1 37 29	23	27 9 48	0 N 47	22 43	15 19
24	S	6 9 15	2 34 43	23	26 21 41	1 50	25 2	15 21
25	S	6 13 12	3 31 57	23	25 3 31	2 48	26 12	15 24
26	M	6 17 8	4 29 12	23	23 15 21	3 38	26 11	15 27
27	Tu	6 21 5	5 26 25	23	21 27 11	4 19	24 58	15 30
28	W	6 25 1	6 23 39	23	18 9 4	4 49	22 38	15 32
29	Th	6 28 58	7 20 52	23	15 21 2	5 6	19 20	15 35
30	F	6 32 54	8 18 5	23	12 3 8	5 10	15 11	15 37

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 8	8 N 22	2 S 15	7 N 59	1 N 7	23 N 42	0 II 48
4	1 3	7 48	2 18	9 5	1 30	24 40	0 39
7	0 59	7 13	2 22	10 10	1 46	25 13	0 29
10	0 55	6 37	2 24	11 14	1 58	25 23	0 20
13	0 51	6 1	2 25	12 17	2 1	25 10	0 10
16	0 47	5 24	2 25	13 18	1 59	24 39	0 1
19	0 43	4 45	2 25	14 18	1 50	23 53	29 51
22	0 39	4 7	2 23	15 16	1 34	22 54	29 42
25	0 36	3 27	2 20	16 12	1 14	21 47	29 32
28	0 32	2 47	2 15	17 5	0 49	20 34	29 23

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	5 II 58	27 27	5 11 20	26 27	6 14 II 50	☿ ∨ ♄	☉	☿				☉
2	6 5 27	27 27	2 11 46	27 10 17	0	☉ □ ♄						☉
3	6 13 26	59 12	12 28	15 19	11	☉ □ ♄					♈	
4	6 21 26	55 12	38 29	20 21	18		☉	☿	☉			☉
5	6 28 26	51 13	5 0 25	23 23	25	☉ ∨ ☿			☉	☉		
6	6 36 26	47 13	31 1	30 25	30		☉					
7	6 44 26	43 13	58 2	36 27	33							
8	6 52 26	39 14	25 3	41 29	35	☿ ∨ ♄		☿			☉	☉
9	6 59 26	35 14	53 4	47 15	34							
10	7 7 26	30 15	21 5	53 3	31		☿		☿		☉	
11	7 15 26	25 15	49 6	59 5	26	☿ ∨ ♄						☉
12	7 23 26	21 16	17 8	5 7	18	☿ ∨ ♄		☉			☉	☉
13	7 30 26	16 16	45 9	12 9	9					☉		
14	7 38 26	11 17	13 10	18 10	56	☿ ∨ ♄		☉	☉			☉
15	7 46 26	6 17	42 11	25 12	42		☉					
16	7 53 26	0 18	11 12	32 14	25	☿ ∨ ♄		☉	☉		☉	☉
17	8 0 25	55 18	40 13	39 16	6		☉				☉	
18	8 8 25	49 19	10 14	46 17	44	☿ ∨ ♄				☉		
19	8 15 25	43 19	40 15	53 19	20					☉		☉
20	8 23 25	37 20	10 17	0 20	54	☉ ∨ ♄		☉				
21	8 30 25	31 20	40 18	8 22	27			☉			☉	☉
22	8 38 25	24 21	10 19	15 23	53	☉ ∨ ♄				☉		☉
23	8 46 25	18 21	40 20	23 25	19	☿ ∨ ♄			☉			
24	8 53 25	11 22	10 21	31 26	42						☉	
25	9 0 25	5 22	41 22	39 28	3	☿ ∨ ♄	☉					
26	9 7 24	58 23	12 23	47 29	21			☉				
27	9 15 24	52 23	43 24	55 0	37	☿ ∨ ♄				☉	☉	☉
28	9 22 24	45 24	14 26	3 1	49					☉		
29	9 29 24	38 24	46 27	12 3	0	☿ ∨ ♄		☉				
30	9 36 24	31 25	18 28	20 4	7		☉					☉

JULY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 45	08 23	16 N11	18 38	20 N19	08 21	21 36
4	15 45	0 23	16 13	1 38	20 22	0 21	21 41
7	15 45	0 23	16 15	1 38	20 25	0 22	21 45
10	15 45	0 23	16 16	1 38	20 28	0 22	21 49
13	15 45	0 23	16 18	1 39	20 30	0 23	21 54
16	15 46	0 23	16 20	1 39	20 33	0 23	21 58
19	15 46	0 23	16 21	1 39	20 35	0 23	22 2
22	15 46	0 23	16 22	1 39	20 38	0 24	22 6
25	15 46	0 23	16 24	1 39	20 40	0 24	22 10
28	15 47	0 23	16 25	1 40	20 42	0 24	22 14
31	15 47	0 23	16 26	1 40	20 44	0 25	22 18

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	S	6 36 51	9 15 18	23 N 8	15 24	5 N 0	10 N 22	15 39
2	S	6 40 48	10 12 30	23	4 27 55	4 36	5 3	15 42
3	M	6 44 44	11 9 42	22	59 10 44	3 57	08 37	15 44
4	Tu	6 48 41	12 6 53	22	54 23 54	3 6	6 24	15 47
5	W	6 52 37	13 4 5	22	49 7 28	2 2	12 6	15 49
6	Th	6 56 34	14 1 16	22	43 21 29	0 49	17 22	15 51
7	F	7 0 30	14 58 27	22	37 5 56	08 29	21 48	15 53
8	S	7 4 27	15 55 39	22	30 20 46	1 47	24 55	15 55
9	S	7 8 23	16 52 50	22	24 5 54	2 59	26 19	15 57
10	M	7 12 20	17 50 1	22	16 21 10	3 59	25 43	15 59
11	Tu	7 16 17	18 47 13	22	8 6 25	4 41	23 13	16 1
12	W	7 20 13	19 44 25	22	0 21 27	5 4	19 9	16 3
13	Th	7 24 10	20 41 38	21	52 6 7	5 6	14 0	16 5
14	F	7 28 6	21 38 51	21	43 20 21	4 48	8 14	16 7
15	S	7 32 3	22 36 4	21	34 4 5	4 15	2 16	16 8
16	S	7 35 59	23 33 19	21	24 17 21	3 28	3 N 37	16 10
17	M	7 39 56	24 30 34	21	14 0 12	2 33	9 10	16 12
18	Tu	7 43 52	25 27 49	21	4 12 41	1 31	14 13	16 13
19	W	7 47 49	26 25 6	20	53 24 53	0 27	18 34	16 15
20	Th	7 51 46	27 22 23	20	42 6 54	0 N 38	22 6	16 17
21	F	7 55 42	28 19 41	20	31 18 46	1 39	24 38	16 18
22	S	7 59 39	29 17 0	20	19 0 35	2 37	26 4	16 20
23	S	8 3 35	0 14 20	20	7 12 24	3 27	26 19	16 22
24	M	8 7 32	1 11 41	19	55 24 14	4 8	25 21	16 23
25	Tu	8 11 28	2 9 2	19	42 6 9	4 39	23 15	16 25
26	W	8 15 25	3 6 24	19	29 18 8	4 57	20 7	16 26
27	Th	8 19 21	4 3 47	19	15 0 14	5 2	16 7	16 28
28	F	8 23 18	5 1 10	19	2 12 29	4 54	11 25	16 29
29	S	8 27 15	5 58 34	18	48 24 52	4 32	6 12	16 30
30	S	8 31 11	6 55 58	18	33 7 28	3 56	0 39	16 31
31	M	8 35 8	7 53 23	18	19 20 19	3 8	5 S 2	16 33

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.						
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.							
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "							
1	0 N 29	2 N 6	2 S 12	17 N 55	0 N 18	19 N 17	29 13						
4	0 25	1 24	2 7	18 41	0 S 20	18 0	29 3						
7	0 21	0 42	2 2	19 24	0 55	16 45	28 54						
10	0 18	0 0	1 56	20 3	1 49	15 35	28 44						
13	0 15	0 S 43	1 48	20 38	2 19	14 33	28 35						
16	0 12	1 26	1 41	21 8	2 59	13 43	28 25						
19	0 9	2 10	1 34	21 33	3 42	13 7	28 16						
22	0 6	2 54	1 24	21 54	4 18	12 49	28 6						
25	0 4	3 38	1 17	22 9	4 43	12 50	27 57						
28	0 0	4 22	1 9	22 19	4 55	13 9	27 47						
31	0 S 2	5 7	0 59	22 24	4 53	13 45	27 38						
D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° ' "	° ' "	° ' "	° ' "	° ' "								
1	9 11 44	24 17 23	25 17 50	29 8 29	5 12 11				Δ	□			
2	9 51	24 16 26	22 0	11 37	6 12	☉ ∠ h					Δ	♈	Δ
3	9 58	24 8	26 54	1 46	7 10		□		Δ				*
4	10 5	24 1	27 26	2 55	8 5					□			
5	10 12	23 5	4 27 54	4 4	8 57		Δ						□
6	10 19	23 46	28 31	5 13	9 45			♈		*			
7	10 26	23 39	29 4	6 22	10 29	♀ * h		♈		*		♈	Δ
8	10 33	23 31	29 37	7 31	11 10	☉ * h							
9	10 39	23 24	0 10 10	8 40	11 47	♄ □ ♀					□		
10	10 46	23 16	0 43	9 49	12 20	h □ ♂		♈	Δ		♈		
11	10 52	23 9	1 16	10 59	12 49	♀ ♂ h				Δ		Δ	♈
12	10 59	23 1	1 50	12 8	13 13				□				
13	11 6	22 53	2 24	13 18	13 34	♀ * ♀				□			
14	11 13	22 46	2 57	14 28	13 49		Δ	*			*		
15	11 19	22 38	3 31	15 38	14 1	☉ ♂ ♄						♈	
16	11 25	22 30	4 51	16 48	14 7					*			*
17	11 32	22 23	4 40	17 58	14 8	☉ P ♀		□		*	□		*
18	11 38	22 15	5 14	19 8	14 16 4				♈				□
19	11 45	22 7	5 48	20 18	13 56	☉ ∠ h		*			Δ		
20	11 51	22 0	6 23	21 28	13 43					♈		Δ	
21	11 57	21 52	6 58	22 38	13 25	☉ P h							♈
22	12 4	21 44	7 33	23 48	13 2								*
23	12 10	21 37	8 8	24 59	12 35				*			□	
24	12 16	21 29	8 43	26 9	12 4	h * ♀					♈		
25	12 22	21 21	9 18	27 20	11 29		♈					*	♈
26	12 27	21 14	9 53	28 31	10 51				□	*			
27	12 33	21 6	10 29	29 42	10 10	♈ * ♀							*
28	12 39	20 59	11 4	0 52 9	27				Δ	□			
29	12 45	20 52	11 40	2 3	8 43						Δ		
30	12 51	20 44	12 16	3 14	7 58			*		Δ		♈	□
31	12 56	20 37	12 52	4 25	7 12	☉ ♂ ♀							*

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	08 23	16 N26	1 S 40	20 N44	08 25	22 S 19
4	15	48	0 23	16 27	1 40	20 46	0 25	22 22
7	15	49	0 23	16 27	1 40	20 48	0 25	22 25
10	15	49	0 23	16 28	1 40	20 49	0 25	22 28
13	15	50	0 23	16 28	1 40	20 51	0 26	22 31
16	15	50	0 23	16 29	1 41	20 52	0 26	22 34
19	15	51	0 23	16 29	1 41	20 53	0 26	22 36
22	15	51	0 23	16 29	1 41	20 54	0 27	22 38
25	15	52	0 23	16 29	1 42	20 55	0 27	22 40
28	15	53	0 23	16 29	1 42	20 56	0 27	22 41
31	15	53	0 23	16 28	1 42	20 56	0 28	22 43
D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	8 39 4	8 50 49	18 N 4	3 m 26	2 N 9	10 S 39	16 33
2	W	8 43 1	9 48 15	17 49	16 54	1 15	55	16 34
3	Th	8 46 57	10 45 42	17 33	0 f 45	0 S 12	20 31	16 35
4	F	8 50 54	11 43 10	17 17	14 59	1 26	24 3	16 36
5	S	8 54 50	12 40 38	17 12	29 36	2 37	26 5	16 37
6	S	8 58 47	13 38 7	16 45	14 w 31	3 38	26 17	16 38
7	M	9 2 44	14 35 38	16 28	29 38	4 25	24 34	16 38
8	Tu	9 6 40	15 33 9	16 11	14 m 48	4 53	21 5	16 39
9	W	9 10 37	16 30 41	15 54	29 49	5 11	16 14	16 39
10	Th	9 14 33	17 28 15	15 37	14 x 32	4 48	10 31	16 40
11	F	9 18 30	18 25 50	15 19	28 51	4 18	4 24	16 41
12	S	9 22 26	19 23 26	15 11	12 r 41	3 33	1 N 45	16 41
13	S	9 26 23	20 21 4	14 43	26 1	2 38	7 37	16 42
14	M	9 30 19	21 18 43	14 25	8 x 54	1 36	12 58	16 42
15	Tu	9 34 16	22 16 23	14 6	21 25	0 31	17 38	16 42
16	W	9 38 13	23 14 6	13 47	3 37	0 N 33	21 26	16 43
17	Th	9 42 9	24 11 50	13 28	15 36	1 35	24 15	16 43
18	F	9 46 6	25 9 35	13 9	27 27	2 32	25 58	16 43
19	S	9 50 2	26 7 22	12 49	9 s 16	3 22	26 30	16 44
20	S	9 53 59	27 5 11	12 30	21 6	4 4	25 49	16 44
21	M	9 57 55	28 3 21	12 10	3 50	4 35	23 57	16 44
22	Tu	10 1 52	29 0 54	11 50	15 0	4 54	21 1	16 44
23	W	10 5 48	29 58 47	11 29	27 9	5 0	17 9	16 44
24	Th	10 9 45	0 m 56 42	11 9	9 m 28	4 52	12 32	16 44
25	F	10 13 42	1 54 39	10 48	21 56	4 30	7 20	16 44
26	S	10 17 38	2 52 37	10 27	4 31	3 55	1 47	16 44
27	S	10 21 35	3 50 36	10 6	17 23	3 7	3 S 57	16 43
28	M	10 25 31	4 48 37	9 45	0 m 24	2 9	9 36	16 43
29	Tu	10 29 28	5 46 39	9 24	13 38	1 3	14 57	16 43
30	W	10 33 24	6 44 43	9 3	27 7	0 S 8	19 40	16 42
31	Th	10 37 21	7 42 48	8 41	10 f 53	1 20	23 25	16 42

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	08 3	58 22	08 57	22 N24	48 50	14 N 0	27 34
4	0 4	6 6	0 48	22 21	4 27	14 51	27 25
7	0 6	6 51	0 39	22 13	3 50	15 44	27 15
10	0 9	7 36	0 30	21 59	3 4	16 35	27 6
13	0 13	8 21	0 21	21 39	2 13	17 17	26 56
16	0 15	9 5	0 11	21 14	1 23	17 44	26 47
19	0 17	9 49	0 3	20 43	0 32	17 51	26 37
22	0 19	10 33	0 N 6	20 7	0 6	17 34	26 28
25	0 22	11 17	0 15	19 26	0 N47	16 52	26 18
28	0 24	12 1	0 22	18 40	1 15	15 43	26 9
31	0 26	12 44	0 30	17 49	1 36	14 11	25 59

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° ' "	° ' "	° ' "	° ' "	° ' "		☉	☿	♈	♉	♊	♋
1	13 11	2 20	13 30	5 36	6 28	♀ ♄ ♀	☐					Δ
2	13 8	20 23	14 4	6 47	5 46			♂		*		
3	13 14	20 17	14 41	7 58	5 7							Δ
4	13 19	20 10	15 17	9 9	4 31	♀ ♀ ♄	Δ		♂		*	
5	13 24	20 3	15 54	10 21	3 59							
6	13 29	19 57	16 30	11 32	3 32	☉ * ♈		Δ		♈	☐	♂
7	13 34	19 50	17 7	12 44	3 11							♂
8	13 39	19 44	17 44	13 55	2 55	♈ ♄ ♀	♂	☐	Δ		Δ	
9	13 44	19 38	18 21	15 7	2 46	☉ ☐ ♈						
10	13 49	19 32	18 58	16 18	2 43	♈ * ♀		*	☐	*		Δ
11	13 54	19 26	19 35	17 30	2 48	☐ ☐ ♂						Δ
12	13 59	19 20	20 13	18 42	2 59				*		☐	
13	14 3	19 14	20 51	19 54	3 17	☐ ☐ ♀	Δ			☐	♂	
14	14 8	19 9	21 28	21 6	3 43	☉ * ♂						☐
15	14 13	19 3	22 6	22 18	4 16	☉ ♄ ♀	☐	♈		Δ	*	
16	14 16	18 58	22 43	23 30	4 56							*
17	14 21	18 53	23 21	24 42	5 44				♈			
18	14 25	18 48	23 59	25 54	6 38	♀ ♀ ♈	*				Δ	
19	14 29	18 43	24 37	27 6	7 39			*		♂	☐	
20	14 33	18 39	25 15	28 18	8 47			*		♂		
21	14 37	18 34	25 54	29 31	10 0							♈
22	14 41	18 30	26 32	0 43	11 20			☐	*			♈
23	14 44	18 26	27 11	1 56	12 45	♈ ♄ ♀	♈				*	
24	14 48	18 22	27 49	3 8	14 14	♈ * ♀		☐				
25	14 51	18 18	28 4	21 15	15 49	☐ ☐ ♀	Δ		Δ			
26	14 55	18 15	29 7	5 33	17 28						*	
27	14 59	18 11	29 46	6 46	19 10	☉ ☐ ♄			Δ	☐		*
28	15 2	18 8	0 25	7 59	20 56		*				♈	
29	15 5	18 5	1 4	9 12	22 44			♂		*	☐	
30	15 8	18 2	1 43	10 25	24 34							☐
31	15 11	18 0	2 23	11 38	26 27		☐		♂		Δ	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	15 53	08 23	16 N28	18 42	20 N57	08 28	22 8 43
4	15 54	0 23	16 28	1 43	20 57	0 28	22 44
7	15 54	0 23	16 27	1 43	20 58	0 28	22 45
10	15 55	0 23	16 26	1 44	20 58	0 28	22 45
13	15 56	0 23	16 25	1 45	20 58	0 28	22 45
16	15 56	0 23	16 24	1 45	20 58	0 28	22 45
19	15 57	0 24	16 23	1 45	20 58	0 28	22 45
22	15 58	0 24	16 22	1 46	20 58	0 28	22 45
25	15 59	0 24	16 21	1 46	20 58	0 29	22 44
28	16 0	0 24	16 19	1 47	20 58	0 29	22 43

D M	D W	Sidereal Time.	☉		☉		☽		☽		☽ Long.
			Long.	Declin	Long.	Lat.	Declin	Long.	Lat.	Declin	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	F	10 41 17	8 ^m 40 54	8 N19	24 7 56	28 29	25 8 50	16 42			
2	S	10 45 14	9 39 2	7 57	9 ^m 17	3 29	26 37	16 41			
3	S	10 49 11	10 37 11	7 35	23 53	4 18	25 34	16 41			
4	M	10 53 8	11 35 22	7 13	8 ^m 39	4 49	22 46	16 40			
5	Tu	10 57 4	12 33 34	6 51	23 29	5 11	18 26	16 39			
6	W	11 1 0	13 31 48	6 29	8 ^m 14	4 54	13 1	16 39			
7	Th	11 4 57	14 30 3	5 6	22 46	4 27	6 57	16 38			
8	F	11 8 53	15 28 21	5 44	6 ^m 58	3 44	0 40	16 37			
9	S	11 12 50	16 26 40	5 21	20 46	2 49	5 N30	16 36			
10	S	11 16 46	17 25 1	4 59	4 ^m 6	1 46	11 14	16 35			
11	M	11 20 43	18 23 24	4 36	17 2	0 39	16 18	16 34			
12	Tu	11 24 40	19 21 49	4 13	29 34	0 N27	20 31	16 33			
13	W	11 28 36	20 20 17	3 50	11 ^m 49	1 31	23 44	16 32			
14	Th	11 32 33	21 18 47	3 27	23 50	2 30	25 49	16 31			
15	F	11 36 29	22 17 18	3 4	5 ^m 43	3 22	26 42	16 29			
16	S	11 40 26	23 15 52	2 41	17 33	4 4	26 21	16 28			
17	S	11 44 22	24 14 29	2 17	29 25	4 37	24 48	16 27			
18	M	11 48 19	25 13 7	1 54	11 ^m 23	4 57	22 8	16 26			
19	Tu	11 52 15	26 11 48	1 31	23 30	5 4	18 29	16 25			
20	W	11 56 12	27 10 30	1 7	5 ^m 49	4 58	14 0	16 24			
21	Th	12 0 9	28 9 15	0 44	18 20	4 37	8 52	16 23			
22	F	12 4 5	29 8 2	0 21	1 ^m 5	4 2	3 16	16 21			
23	S	12 8 2	0 ^m 6 51	0 S	3 14	3 3	14 28	16 19			
24	S	12 11 58	1 5 41	0 26	27 12	2 15	8 23	16 17			
25	M	12 15 55	2 4 34	0 50	10 ^m 33	1 8	13 56	16 16			
26	Tu	12 19 51	3 3 28	1 13	24 4	0 S	5 18	16 15			
27	W	12 23 48	4 2 24	1 36	7 ^m 46	1 18	22 54	16 13			
28	Th	12 27 44	5 1 22	2 0	21 38	2 27	25 38	16 11			
29	F	12 31 41	6 0 21	2 23	5 ^m 40	3 29	26 49	16 9			
30	S	12 35 38	6 59 23	2 47	19 51	4 18	26 15	16 8			

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 8 27	12 8 58	0 N 33	17 N 30	1 N 38	13 N 36	25 8 56
4	0 30	13 40	0 39	16 33	1 47	11 40	25 47
7	0 32	14 22	0 47	15 32	1 48	9 31	25 37
10	0 34	15 3	0 55	14 27	1 39	7 14	25 28
13	0 35	15 43	1 1	13 18	1 32	4 53	25 18
16	0 37	16 22	1 6	12 5	1 19	2 31	25 9
19	0 39	17 0	1 10	10 49	1 3	0 9	24 59
22	0 40	17 38	1 14	9 31	0 44	28 11	24 50
25	0 42	18 14	1 19	8 10	0 25	4 27	24 40
28	0 44	18 49	1 23	6 47	0 4	6 40	24 30

D M	\hbar	\mathcal{L}	δ	η	ζ	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		\odot	\square	\hbar	\mathcal{L}	δ	η	ζ
	° /	° /	° /	° /	° /								
1	15 11 14	17 17 57	3 11 2	12 2 51	28 2 20								Δ
2	15 17 17	17 15 55	3 41 14	4 0 15	28 15		Δ					*	
3	15 20 17	17 52	4 21 15	17 2 11	28 11	η * \hbar		Δ			δ		*
4	15 22 17	17 50	5 0 16	30 4 7	28 30	\hbar \square η		Δ			\square		
5	15 25 17	17 49	5 40 17	48 6 3	28 3	ζ * δ		\square				δ	
6	15 27 17	17 47	6 19 18	56 7 59	28 59		δ		\square		Δ		δ
7	15 29 17	17 46	6 59 20	10 9 54	28 54			*		*			δ
8	15 31 17	17 45	7 40 21	28 11 50	28 50	\odot \square \hbar				*	\square	Δ	
9	15 33 17	17 44	8 21 22	37 13 44	28 44				*	\square		Δ	
10	15 35 17	17 43	9 1 23	50 15 38	28 38	\odot Δ \mathcal{L}	Δ		δ			δ	
11	15 37 17	17 43	9 41 25	4 17 31	28 31	\mathcal{L} Δ ζ	Δ	δ		Δ			Δ
12	15 39 17	17 43	10 21 26	17 19 23	28 23	\odot δ ζ						\square	
13	15 41 17	17 42	11 2 27	31 21 15	28 15				δ				
14	15 43 17	17 42	11 42 28	44 23 5	28 5		\square					*	\square
15	15 45 17	17 42	12 23 29	58 24 54	28 54								
16	15 46 17	17 42	13 4 1	12 26 43	28 43	\hbar P δ		*		δ	Δ		*
17	15 47 17	17 42	13 45 2	26 28 30	28 30			*					*
18	15 48 17	17 43	14 26 3	40 0 17	28 17			\square	*		\square		
19	15 49 17	17 44	15 7 4	54 2 2	28 2	\hbar \square ζ						δ	
20	15 49 17	17 45	15 48 6	8 3 46	28 46								
21	15 50 17	17 46	16 29 7	22 5 30	28 30		δ	Δ	\square	Δ	*		
22	15 50 17	17 48	17 10 8	36 7 12	28 12								
23	15 51 17	17 50	17 51 9	50 8 54	28 54	\mathcal{L} * δ			Δ	\square			δ
24	15 51 17	17 52	18 33 11	4 10 34	28 34	\odot \square \hbar							
25	15 52 17	17 54	19 15 12	18 12 13	28 13	η \mathcal{L} ζ		δ				*	
26	15 52 17	17 57	19 56 13	32 13 52	28 52			*		*	δ		
27	15 52 17	17 59	20 38 14	47 15 30	28 30			*					
28	15 52 18	18 2 21	20 16 1	17 7 7	28 7	\hbar \square ζ			δ			\square	*
29	15 52 18	18 5 22	21 16 18	18 43 2	28 43	\mathcal{L} \square ζ	\square			δ	*	Δ	\square
30	15 52 18	18 8 22	22 44 18	30 20 18	28 18	\mathcal{L} Δ η		Δ		δ	*	Δ	\square

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	16	1	0 S 24	16 N 18	1 S 47	20 N 57	0 S 29	22 S 42
4	16	2	0 24	16 16	1 47	20 57	0 29	22 41
7	16	3	0 24	16 14	1 48	20 56	0 29	22 39
10	16	4	0 24	16 13	1 48	20 56	0 29	22 37
13	16	5	0 24	16 11	1 48	20 55	0 29	22 35
16	16	5	0 24	16 9	1 48	20 54	0 29	22 33
19	16	6	0 24	16 7	1 48	20 53	0 29	22 30
22	16	7	0 24	16 5	1 48	20 52	0 29	22 27
25	16	8	0 24	16 3	1 48	20 51	0 29	22 24
28	16	9	0 24	16 1	1 48	20 50	0 29	22 21
31	16	9	0 24	15 59	1 49	20 48	0 29	22 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	12 39 34	7 58 26	3 S 10	4 9	4 S 52	23 S 57	16 6
2	M	12 43 31	8 57 31	3 33	18 32	5 8	20 9	16 4
3	Tu	12 47 27	9 56 37	3 57	2 55	5 4	15 10	16 3
4	W	12 51 24	10 55 46	4 19	17 13	4 41	9 22	16 1
5	Th	12 55 20	11 54 56	4 43	1 22	4 2	3 9	15 39
6	F	12 59 17	12 54 9	5 6	15 14	3 9	3 N 6	15 57
7	S	13 3 13	13 53 23	5 29	28 48	2 6	9 6	15 55
8	S	13 7 10	14 52 40	5 52	12 8	0 57	14 33	15 53
9	M	13 11 6	15 51 58	6 15	24 52	0 N 12	19 12	15 51
10	Tu	13 15 3	16 51 19	6 38	7 24	1 20	22 53	15 49
11	W	13 19 0	17 50 42	7 0	19 40	2 22	25 25	15 47
12	Th	13 22 56	18 50 8	7 23	1 52	3 17	26 44	15 45
13	F	13 26 53	19 49 35	7 46	13 37	4 3	26 48	15 43
14	S	13 30 49	20 49 5	8 8	25 28	4 38	25 37	15 41
15	S	13 34 46	21 48 38	8 30	7 22	5 2	23 18	15 35
16	M	13 38 42	22 48 12	8 53	19 21	5 12	19 58	15 26
17	Tu	13 42 39	23 47 49	9 15	1 32	5 9	15 45	15 33
18	W	13 46 35	24 47 28	9 37	13 57	4 51	10 48	15 31
19	Th	13 50 32	25 47 10	9 58	26 38	4 19	5 18	15 29
20	F	13 54 21	26 46 53	10 20	9 37	3 33	0 S 33	15 26
21	S	13 58 25	27 46 39	10 42	22 52	2 34	6 31	15 24
22	S	14 2 22	28 46 26	11 3	6 26	1 26	12 19	15 21
23	M	14 6 18	29 46 16	11 24	20 13	0 11	17 38	15 19
24	Tu	14 10 15	0 46 7	11 45	4 11	1 S 5	22 4	15 17
25	W	14 14 11	1 46 0	12 6	18 16	2 19	25 15	15 15
26	Th	14 18 8	2 45 55	12 27	2 27	3 24	26 50	15 12
27	F	14 22 4	3 45 52	12 47	16 40	4 17	26 40	15 10
28	S	14 26 1	4 45 50	13 7	0 53	4 54	24 45	15 8
29	S	14 29 58	5 45 50	13 27	15 3	5 13	21 19	15 5
30	M	14 33 54	6 45 51	13 47	29 9	5 14	16 40	15 3
31	Tu	14 37 51	7 45 54	14 7	13 8	4 55	11 10	15 0

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 S 46	19 S 23	1 N 25	5 N 22	0 S 18	8 S 48	24 20
4	0 47	19 56	1 27	3 56	0 38	10 50	24 11
7	0 49	20 27	1 28	2 28	0 59	12 46	24 1
10	0 50	20 57	1 29	1 0	1 29	14 36	23 52
13	0 52	21 25	1 29	0 S 29	1 40	16 19	23 42
16	0 53	21 52	1 30	1 58	1 59	17 53	23 33
19	0 54	22 16	1 27	3 27	2 15	19 19	23 23
22	0 55	22 39	1 27	4 56	2 31	20 36	23 14
25	0 57	23 0	1 24	6 24	2 42	21 42	23 4
28	0 58	23 19	1 21	7 50	2 50	22 35	22 55
31	0 59	23 36	1 18	9 16	2 54	23 15	22 45

D M	h	♄	♂	♀	♂	Mutual	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♄	♊	♍	♋	♏
	° /	° /	° /	° /	° /	° /								
1	15 11 52	18 11 23	26 19 44	21 52			Δ							
2	15 11 52	18 14 24	8 20 59	23 26				☐	Δ		☐			Δ
3	15 51 18	18 24 50	22 13 24	58		♂ ♀								
4	15 51 18	22 25 32	23 28 26	30		☉ ♀		*	☐	*		♊		
5	15 50 18	26 26 15	24 42 28	1							Δ			
6	15 49 18	30 26 57	25 57 29	31				♊	*	☐				♊
7	15 48 18	34 27 40	27 12 1	1										
8	15 47 18	38 28 22	28 26 2	30				♊						
9	15 46 18	43 29 5	29 41 3	57		☉ ♀				Δ	♊	Δ		
10	15 45 18	48 29 47	0 55 5	24		♊ ♀								
11	15 44 18	53 0 1	10 6 51				Δ		♊					
12	15 42 18	58 1 13	3 25 8	17		☉ ☐ ♄							☐	
13	15 40 19	4 1 56	4 40 9	41				*		♊				Δ
14	15 38 19	9 2 39	5 55 11	4				☐						
15	15 36 19	15 3 22	7 10 12	27							Δ	*	☐	
16	15 34 19	21 4 5	8 24 13	49		♊ ♀		*	☐	*				
17	15 32 19	27 4 49	9 39 15	10		♊ ♀					☐			*
18	15 30 19	33 5 32	10 54 16	29					Δ	☐	Δ			
19	15 28 19	39 6 16	12 9 17	48		♊ ♀						*	♊	
20	15 26 19	45 6 59	13 24 19	5						Δ		*	♊	
21	15 24 19	52 7 43	14 39 20	21		♄ ♀	♊				☐			
22	15 22 19	59 8 26	15 54 21	35		♊ ♀								
23	15 19 20	6 9 10	17 9 22	48				♊		*				♊
24	15 16 20	13 9 54	18 24 24	0							♊			
25	15 13 20	21 10 38	19 39 25	9						♊		*		
26	15 10 20	28 11 22	20 54 26	16		♀ ☐ ♄		*						
27	15 7 20	35 12 6	22 10 27	21					Δ		♊		☐	
28	15 4 20	43 12 50	23 25 28	24					☐					*
29	15 1 20	51 13 34	24 40 29	23					☐	Δ		*		
30	14 58 20	59 14 18	25 55 0	20									Δ	☐
31	14 55 21	7 15 2	27 10 1	13		♊ ♀	Δ	*	☐		☐			

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 24	15 N58	18 49	20 N48	08 29	23 S16
4	16	9	0 24	15 56	1 49	20 47	0 29	22 12
7	16	10	0 24	15 54	1 49	20 45	0 29	22 8
10	16	11	0 24	15 51	1 49	20 44	0 29	22 3
13	16	12	0 24	15 49	1 49	20 42	0 29	21 58
16	16	12	0 24	15 47	1 49	20 41	0 29	21 53
19	16	13	0 24	15 45	1 49	20 39	0 29	21 48
22	16	13	0 24	15 43	1 49	20 38	0 29	21 42
25	16	14	0 24	15 41	1 49	20 36	0 30	21 36
28	16	14	0 24	15 39	1 48	20 34	0 30	21 30

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° / ' / "	☾ Declin ° / ' / "	♂ Long. ° / ' / "	♂ Lat. ° / ' / "	♂ Declin ° / ' / "	♂ Long. ° / ' / "
1	W	14 41 47	8m 45 59	14 S 26	26 x 58	4 S 20	5 S 11	14 x 58
2	Th	14 45 44	9 46 5	14 45	10 r 37	3 30	0 N 59	14 R 55
3	F	14 49 40	10 46 13	15 4	24 4	2 29	7 2	14 52
4	S	14 53 37	11 46 23	15 23	7 r 15	1 22	12 40	14 50
5	S	14 57 33	12 46 34	15 41	20 12	0 11	17 38	14 47
6	M	15 1 30	13 46 48	15 59	2 II 52	0 N 59	21 43	14 45
7	Tu	15 5 27	14 47 2	16 17	15 18	2 52	24 43	14 43
8	W	15 9 23	15 47 19	16 35	27 30	3 42	26 30	14 40
9	Th	15 13 20	16 47 38	16 52	9 S 32	3 53	27 0	14 38
10	F	15 17 16	17 47 59	17 9	21 27	4 33	26 14	14 35
11	S	15 21 13	18 48 21	17 26	3 Q 19	5 02	24 18	14 32
12	S	15 25 9	19 48 46	17 42	15 11	5 15	21 18	14 30
13	M	15 29 6	20 49 12	17 58	27 10	5 16	17 24	14 28
14	Tu	15 33 2	21 49 41	18 14	9 m 20	5 3	12 45	14 25
15	W	15 36 59	22 50 11	18 30	21 44	4 36	7 31	14 23
16	Th	15 40 56	23 50 43	18 45	4 S 27	3 55	1 50	14 21
17	F	15 44 52	24 51 17	19 0	17 31	3 1	4 S 6	14 18
18	S	15 48 49	25 51 52	19 14	0 m 59	1 55	10 2	14 16
19	S	15 52 45	26 52 30	19 29	14 49	0 41	15 38	14 13
20	M	15 56 42	27 53 8	19 42	28 59	0 S 37	20 33	14 11
21	Tu	16 0 38	28 53 48	19 56	13 f 24	1 55	24 20	14 8
22	W	16 4 35	29 54 30	20 9	28 0	3 6	26 32	14 6
23	Th	16 8 31	0 f 55 12	20 22	12 w 39	4 42	26 55	14 3
24	F	16 12 28	1 55 56	20 34	27 15	4 47	25 25	14 1
25	S	16 16 25	2 56 41	20 46	11 m 43	5 11	23 16	13 59
26	S	16 20 21	3 57 27	20 57	25 59	5 16	17 49	13 56
27	M	16 24 18	4 58 14	21 9	10 x 0	5 1	12 28	13 54
28	Tu	16 28 14	5 59 2	21 19	23 45	4 30	6 37	13 52
29	W	16 32 11	6 59 50	21 30	7 r 15	3 44	0 33	13 50
30	Th	16 36 7	8 0 40	21 40	20 30	2 46	5 N 27	13 48

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 0	23 S 42	1 N 17	9 S 44	2 S 52	23 S 24	22 8 42
4	1 1	23 56	1 13	11 6	2 48	23 42	22 33
7	1 2	24 8	1 9	12 26	2 30	23 38	22 23
10	1 3	24 18	1 4	13 44	2 2	23 9	22 14
13	1 4	24 25	0 58	14 59	1 19	22 9	22 4
16	1 4	24 30	0 52	16 10	0 22	20 38	21 55
19	1 5	24 33	0 47	17 17	0 N 38	18 46	21 45
22	1 5	24 33	0 40	18 20	1 34	16 57	21 36
25	1 6	24 31	0 34	19 19	2 13	15 38	21 26
28	1 7	24 26	0 27	20 13	2 32	15 3	21 17

D M	h	♂	♂	♀	♀	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♂	♀	♀
	°	'	°	'	°	'						
1	14 51	21 16	15 47	28 26	2 2				*			Δ
2	14 48	21 16	31 29	41 2	2 47	h ☐ ♀			*		Δ	
3	14 45	21 32	16 0	m 56	3 27				☐			
4	14 41	21 42	18 0	2 11	4 2		♂				♂	
5	14 37	21 50	18 45	3 27	4 30			♂		Δ		
6	14 33	21 59	19 30	4 42	4 52	☉ P H						♂
7	14 29	22 8	20 15	5 57	5 7	☉ ♂ H			♂		♂	
8	14 25	22 17	20 59	7 12	5 13							
9	14 21	22 26	21 44	8 28	5 11	5 R 11		*			Δ	
10	14 17	22 36	22 29	9 43	5 0	♂ ♀ ♂	Δ	*		♂		
11	14 13	22 45	23 14	10 58	4 38							Δ
12	14 9	22 55	23 59	12 13	4 7		☐	☐	*			
13	14 4	23 5	24 44	13 29	3 25	♂ P ♀					Δ	☐
14	14 0	23 15	25 29	14 44	2 34	H ♂ ♀		Δ	☐		*	
15	13 56	23 25	26 14	16 0	1 33		*			Δ	☐	
16	13 52	23 36	26 59	17 15	0 24	☉ * ♂						*
17	13 47	23 46	27 45	18 31	29 m 8				Δ	☐		
18	13 42	23 57	28 30	19 46	27 49						*	
19	13 37	24 7	29 16	21 2	26 27	☉ ♂ ♀		♂			*	♂
20	13 33	24 18	0 w 1	22 17	25 7		♂	♂		*		♂
21	13 28	24 29	0 47	23 33	23 49	♀ ♂ ♀			♂			
22	13 23	24 40	1 32	24 48	22 39	♂ * ♀					♂	
23	13 19	24 51	2 18	26 4	21 36			Δ				
24	13 14	25 2	3 4	27 19	20 43		*			♂		*
25	13 9	25 13	3 50	28 35	20 1			☐	Δ			
26	13 4	25 24	4 36	29 50	19 30							☐
27	12 59	25 35	5 22	1 6	19 11			*			*	
28	12 54	25 46	6 8	2 21	19 4					*		Δ
29	12 49	25 57	6 54	3 37	19 D 7	☉ ♀	Δ		*		☐	Δ
30	12 44	26 9	7 40	4 52	19 17					☐		

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	16	0 S 24	15 N 37	1 S 48	20 N 33	0 S 30	21 S 24
4	16	16	0 23	15 35	1 48	20 31	0 30	21 17
7	16	17	0 23	15 33	1 48	20 29	0 30	21 10
10	16	17	0 23	15 32	1 48	20 28	0 30	21 3
13	16	17	0 23	15 30	1 47	20 26	0 30	20 55
16	16	18	0 23	15 28	1 47	20 25	0 30	20 47
19	16	18	0 23	15 27	1 47	20 23	0 30	20 39
22	16	18	0 23	15 26	1 46	20 22	0 30	20 31
25	16	18	0 23	15 25	1 46	20 20	0 31	20 22
28	16	18	0 23	15 24	1 46	20 19	0 31	20 14
31	16	18	0 23	15 23	1 45	20 18	0 31	20 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	16 40 4	9 1 31	21 S 49	3 8 31	1 S 42	11 N 6	13 8 46
2	S	16 44 0	10 2 22	21 59	16 19	0 33	16 13	13 4 43
3	S	16 47 57	11 3 14	22 7	28 55	0 N 37	20 32	13 41
4	M	16 51 54	12 4 8	22 15	11 20	1 43	23 52	13 39
5	Tu	16 55 50	13 5 2	22 23	23 35	2 44	26 2	13 37
6	W	16 59 47	14 5 58	22 31	5 41	3 37	26 57	13 35
7	Th	17 3 44	15 6 54	22 38	17 40	4 19	26 34	13 33
8	F	17 7 40	16 7 52	22 44	29 33	4 50	24 59	13 31
9	S	17 11 36	17 8 50	22 50	11 24	5 8	22 18	13 29
10	S	17 15 33	18 9 50	22 56	23 16	5 13	18 42	13 27
11	M	17 19 30	19 10 51	23 1	5 13	5 5	14 20	13 25
12	Tu	17 23 26	20 11 53	23 6	17 19	4 48	9 21	13 23
13	W	17 27 23	21 12 56	23 10	29 38	4 8	3 56	13 22
14	Th	17 31 19	22 14 0	23 14	12 16	3 20	1 S 47	13 20
15	F	17 35 16	23 15 5	23 17	25 17	2 20	7 36	13 18
16	S	17 39 12	24 16 10	23 20	8 43	1 11	13 17	13 16
17	S	17 43 9	25 17 17	23 23	22 36	0 S 4	18 30	13 15
18	M	17 47 5	26 18 24	23 24	6 57	1 21	22 49	13 13
19	Tu	17 51 2	27 19 32	23 26	21 40	2 35	25 47	13 11
20	W	17 54 59	28 20 40	23 27	6 39	3 39	26 57	13 10
21	Th	17 58 55	29 21 49	23 28	21 45	4 29	26 8	13 8
22	F	18 2 52	0 22 58	23 28	6 48	5 0	23 25	13 7
23	S	18 6 48	1 24 7	23 27	21 40	5 10	19 11	13 5
24	S	18 10 45	2 25 17	23 26	6 12	5 0	13 53	13 4
25	M	18 14 41	3 26 26	23 25	20 22	4 31	7 58	13 3
26	Tu	18 18 38	4 27 34	23 23	4 8	3 48	1 50	13 2
27	W	18 22 34	5 28 45	23 21	17 30	2 53	4 N 13	13 1
28	Th	18 26 31	6 29 54	23 18	0 32	1 50	9 57	13 0
29	F	18 30 28	7 31 3	23 15	18 17	0 44	15 8	12 58
30	S	18 34 24	8 32 12	23 11	25 47	0 N 24	19 36	12 57
31	S	18 38 21	9 33 21	23 7	8 5	1 29	23 8	12 56

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	1 S 7	24 S 19	0 N 19	21 S 1	2 N 38	15 S 9	21 8 7
4	1 8	24 9	0 12	21 45	2 30	15 46	20 58
7	1 8	23 57	0 6	22 22	2 18	16 41	20 48
10	1 8	23 42	0 0	22 54	1 58	17 47	20 39
13	1 8	23 25	0 S 9	23 19	1 37	18 56	20 29
16	1 8	23 6	0 16	23 38	1 14	20 4	20 19
19	1 8	22 44	0 22	23 50	0 51	21 8	20 10
22	1 8	22 20	0 30	23 56	0 27	22 5	20 0
25	1 8	21 53	0 36	23 55	0 4	22 55	19 51
28	1 8	21 25	0 42	23 47	0 S 17	23 34	19 41
31	1 8	20 54	0 49	23 33	0 37	24 4	19 32

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	☿	♂	♂	♂	♂	♂
	° /	° /	° /	° /		° /	° /	° /	° /	° /	° /	° /
1	12 39 26	21 8 26	6 8 19	43								
2	12 34 26	33 9 12	7 23 20	14			♂					♂
3	12 29 26	54 9 58	8 38 20	53					♂			
4	12 24 26	57 10 44	9 53 21	38	☉ ♂ ♀	♂	♂					♂
5	12 19 27	9 11 30	11 9 22	29								
6	12 14 27	21 12 16	12 24 23	25	♀ ♂ ♀							
7	12 10 27	33 13 3	13 40 24	26			*			♂		
8	12 5 27	45 13 49	14 55 25	31	☿ Δ ♂				♂			Δ
9	12 0 27	58 14 36	16 11 26	39			☐	*			Δ	
10	11 55 28	10 15 22	17 26 27	50		Δ						☐
11	11 50 28	23 16 9	18 42 29	4								
12	11 45 28	35 16 55	19 57 0	20			☐	Δ	☐		Δ	☐
13	11 40 28	48 17 42	21 13 1	38	☉ ♂ ♀				Δ			*
14	11 35 29	0 18 28	22 28 2	57					Δ			
15	11 30 29	13 29 15	23 44 4	19	♂ ♀	*			☐	☐	*	
16	11 26 29	26 20 2	24 59 5	41				♂				
17	11 21 29	39 20 49	26 15 7	4					♂	*	*	
18	11 16 29	52 21 35	27 30 8	29					♂			♂
19	11 12 0	5 22 22	28 46 9	55	☿ ☐ ♀	♂						
20	11 7 0	18 23 9	0 21 21	21	♂ ♀		Δ				♂	
21	11 3 0	31 23 56	1 18 12	48						♂		
22	10 58 0	44 24 43	2 33 14	15	☉ ♀			☐	Δ	♂		
23	10 54 0	57 25 30	3 49 15	43	♂ ♀							*
24	10 49 1	11 26 17	5 4 17	12			*	*	☐			*
25	10 45 1	24 27 4	6 20 18	41								☐
26	10 41 1	38 27 51	7 35 20	11			☐		*	*	*	☐
27	10 37 1	51 28 38	8 51 21	41								Δ
28	10 38 2	5 29 25	10 6 23	11						☐	☐	
29	10 29 2	18 0 12	11 22 24	42			Δ	♂			Δ	
30	10 25 2	32 0 59	12 37 26	13							Δ	
31	10 21 2	46 1 46	13 52 27	45	☿ ☐ ♀				♂	Δ		

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
0 0 0	0	10	24	28 13	14	3	1 51 37	0	11	19	17 32	5	28
0 3 40	1	11	25	28 46	14	4	1 55 27	1	12	20	18 11	6	29
0 7 20	2	12	26	29 25	15	5	1 59 17	2	13	21	18 51	7	30
0 11 0	3	13	27	0 Ω 14	16	6	2 3 8	3	14	21	19 30	8	1
0 14 41	4	14	28	0 49 17	17	6	2 6 59	4	15	22	20 9	9	2
0 18 21	5	15	29	1 25 17	17	7	2 10 51	5	16	23	20 48	9	2
0 22 2	6	16	29	2 7 18	8	7	2 14 44	6	16	24	21 37	10	3
0 25 43	7	17	30	2 42 19	9	8	2 18 37	7	17	24	22 8	11	4
0 29 23	8	18	1	3 26 19	10	10	2 22 31	8	18	25	22 47	11	5
0 33 4	9	19	2	4 4 20	10	10	2 26 25	9	19	26	23 28	12	6
0 36 45	10	20	3	4 41 21	11	11	2 30 20	10	20	27	24 8	13	7
0 40 26	11	23	4	5 19 22	12	12	2 34 16	11	21	27	24 46	13	8
0 44 8	12	23	4	5 58 23	13	13	2 38 13	12	22	28	25 28	14	9
0 47 50	13	24	5	6 36 23	14	14	2 42 10	13	23	29	26 8	15	10
0 51 32	14	25	6	7 14 24	15	15	2 46 8	14	24	Ω	26 46	15	11
0 55 14	15	26	7	7 53 24	15	15	2 50 7	15	25	0	27 29	16	11
0 58 5	16	27	8	8 32 25	16	16	2 54 7	16	26	1	28 10	17	12
1 2 40	17	28	8	9 10 26	17	17	2 58 7	17	27	2	28 51	18	13
1 6 23	18	29	9	9 47 26	18	18	3 2 8	18	28	3	29 32	19	14
1 10 7	19	II	10	10 25 27	19	19	3 6 9	19	29	4	Ω 13	20	15
1 13 51	20	1	11	11 5 28	20	20	3 10 13	20	30	5	0 54	20	16
1 17 35	21	2	12	11 43 29	20	20	3 14 15	21	0	5	1 36	21	17
1 21 20	22	3	12	12 22 29	21	21	3 18 19	22	1	6	2 17	22	18
1 25 6	23	4	13	13 0 30	22	22	3 22 23	23	2	7	2 59	23	19
1 28 52	24	5	14	13 39 1	23	23	3 26 29	24	3	8	3 41	24	20
1 32 38	25	6	15	14 18 2	24	24	3 30 35	25	4	8	4 23	25	21
1 36 25	26	7	16	14 56 2	25	25	3 34 41	26	5	9	5 5	25	21
1 40 12	27	8	16	15 35 3	26	26	3 38 49	27	6	10	5 47	26	22
1 44 0	28	9	17	16 14 4	26	26	3 42 57	28	7	11	6 30	27	23
1 47 48	29	10	18	16 53 4	27	27	3 47 6	29	8	12	7 12	28	24
1 51 37	30	11	19	17 32 5	28	28	3 51 15	30	9	12	7 54	28	25

Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.	10	11	12	Ascen Ω	2	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
3 51 15	0	9	12	7 54	28	25	6 0 0	0	7	7	0 0	28	23
3 55 25	1	10	13	8 37	29	26	6 4 22	1	8	8	0 45	24	24
3 59 36	2	11	14	9 20	30	27	6 8 43	2	9	9	1 30	25	25
4 3 48	3	12	15	10 3	1	28	6 13 5	3	10	9	2 15	26	26
4 8 0	4	13	16	10 47	1	29	6 17 26	4	11	10	3 0	27	27
4 12 18	5	14	16	11 30	2	30	6 21 48	5	11	11	3 45	27	28
4 16 36	6	15	17	12 13	3	0	6 26 9	6	12	12	4 30	28	29
4 20 40	7	16	18	12 56	4	1	6 30 30	7	13	13	5 15	29	30
4 24 55	8	16	19	13 40	5	2	6 34 51	8	14	13	6 0	30	31
4 29 10	9	17	20	14 24	6	3	6 39 11	9	15	14	6 44	1	1
4 33 26	10	18	20	15 8	6	4	6 43 31	10	16	15	7 29	2	2
4 37 43	11	19	21	15 52	7	5	6 47 51	11	17	16	8 14	3	3
4 41 59	12	20	22	16 36	8	6	6 52 11	12	18	17	9 59	4	4
4 46 16	13	21	23	17 19	9	7	6 56 31	13	19	18	9 43	5	5
4 50 34	14	22	24	18 4	10	8	7 0 50	14	20	18	10 27	6	6
4 54 52	15	23	25	18 49	11	9	7 5 8	15	21	19	11 11	7	7
4 59 10	16	24	25	19 33	12	10	7 9 26	16	22	20	11 56	8	8
5 3 29	17	25	26	20 17	12	11	7 13 44	17	23	21	12 40	9	9
5 7 48	18	26	27	21 1	13	12	7 18 1	18	24	22	13 24	10	10
5 12 9	19	27	28	21 46	14	13	7 22 18	19	25	23	14 8	11	11
5 16 29	20	27	28	22 31	15	13	7 26 34	20	26	23	14 53	10	12
5 20 40	21	28	29	23 16	16	14	7 30 50	21	26	24	15 36	10	13
5 25 9	22	29	30	24 0	17	15	7 35 5	22	27	25	16 20	11	14
5 29 30	23	Ω	1	24 45	17	16	7 39 20	23	28	26	17 4	12	14
5 33 51	24	1	2	25 30	18	17	7 43 34	24	29	27	17 47	13	15
5 38 12	25	2	3	26 15	19	18	7 47 47	25	30	28	18 30	14	16
5 42 34	26	3	3	27 0	20	19	7 52 0	26	1	29	19 13	15	17
5 46 55	27	4	4	27 45	20	20	7 56 13	27	2	30	19 57	15	18
5 51 17	28	5	5	28 30	21	21	8 0 24	28	3	Ω	20 40	16	19
5 55 38	29	6	6	29 15	22	22	8 4 35	29	4	1	21 23	17	20
6 0 0	30	7	7	30 0	23	23	8 8 45	30	5	2	22 6	18	21

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3	
H.	M.	S.	°	°	°	° /	°	°	H.	M.	S.	°	°	°	° /	°	°	
8	8	45	0	5	2	22, 6	18	21	10	8	23	0	2	25	12	28	11	20
8	12	54	1	6	2	22 48	19	22	10	12	12	1	3	26	13	16	12	21
8	17	3	2	7	3	22 30	19	23	10	16	0	2	3	26	13	45	13	21
8	21	11	3	8	4	24 13	20	24	10	19	48	3	4	27	14	25	14	22
8	25	19	4	9	5	24 55	21	25	10	23	35	4	5	28	15	4	14	23
8	29	26	5	10	6	25 37	22	26	10	27	22	5	6	29	15	43	15	24
8	33	31	6	10	6	26 19	23	27	10	31	8	6	7	29	16	21	16	25
8	37	37	7	11	7	27 1	23	28	10	34	54	7	8	m	17	0	17	26
8	41	41	8	12	8	27 43	24	28	10	38	40	8	9	1	17	39	18	27
8	45	45	9	13	9	28 24	25	29	10	42	25	9	10	2	18	17	19	28
8	49	48	10	14	9	29 6	26	29	10	46	9	10	10	2	18	55	19	29
8	53	51	11	15	10	29 47	26	1	10	49	53	11	11	3	19	31	20	wa
8	57	52	12	16	11	Om28	27	2	10	53	37	12	12	4	20	13	21	1
9	1	53	13	17	12	1 9	28	3	10	57	20	13	13	4	20	51	22	2
9	5	53	14	18	13	1 50	29	4	11	1	3	14	14	5	21	30	23	4
9	9	53	15	18	13	2 31	29	5	11	4	40	15	15	6	22	8	24	5
9	13	52	16	19	14	3 12	2	6	11	8	28	16	16	6	22	46	24	6
9	17	50	17	20	15	3 52	1	7	11	12	10	17	17	7	23	24	25	7
9	21	47	18	21	16	4 32	3	8	11	15	22	18	17	8	24	2	26	8
9	25	44	19	22	17	5 12	3	9	11	19	34	19	18	9	24	40	27	9
9	29	40	20	23	17	5 52	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6 32	4	11	11	26	56	21	20	10	25	59	29	11
9	37	29	22	25	19	7 13	5	12	11	30	37	22	20	11	26	38	29	12
9	41	23	23	26	20	7 53	6	13	11	34	18	23	21	11	27	15	29	13
9	45	16	24	27	21	8 23	7	14	11	37	58	24	22	12	27	53	0	14
9	49	9	25	28	21	9 12	8	15	11	41	39	25	23	13	28	32	1	15
9	53	1	26	28	22	9 51	8	16	11	45	19	26	24	13	29	11	2	16
9	56	52	27	29	23	10 30	9	17	11	49	0	27	25	14	29	53	3	17
10	0	43	28	29	24	11 9	10	18	11	53	49	28	25	15	0 2	35	4	18
10	4	33	29	1	24	11 48	10	19	11	56	20	29	26	15	1	11	5	20
10	8	23	30	2	25	12 28	11	20	12	0	0	30	27	16	1	47	6	21

Right Asc. of Meridian.			10	11	12	Ascen f	2	3	Right Asc. of Meridian.			10	11	12	Ascen f	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
12	0	0	0	27	16	1	47	6	21	13	51	37	0	21	8	23	4	7	27
12	3	40	1	28	17	2	33	7	22	13	55	27	1	22	9	23	53	9	29
12	7	20	2	29	18	3	11	8	23	13	59	17	2	23	9	24	42	10	7
12	11	0	3	m	18	3	49	9	24	14	3	8	3	24	10	25	31	11	1
12	14	41	4	0	19	4	28	10	25	14	6	59	4	25	11	26	21	13	3
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13	14	4
12	22	2	6	2	20	5	47	11	28	14	14	44	6	26	13	28	5	16	6
12	25	43	7	3	21	6	27	12	29	14	18	37	7	27	13	28	58	17	7
12	29	23	8	3	22	7	6	12	30	14	22	31	8	28	14	29	51	19	8
12	33	4	9	4	22	7	46	14	1	14	26	25	9	29	15	Om	45	20	9
12	36	45	10	5	23	8	26	15	2	14	30	20	10	2	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	5	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	25	10	29	18	6	14	42	10	13	2	18	4	30	26	15
12	51	32	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28	29	18
12	58	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	28	30	19
13	2	40	17	11	28	13	17	22	10	14	58	7	17	6	22	8	30	2	20
13	6	28	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
13	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	38	6	23
13	13	51	20	13	2	15	27	25	14	15	10	12	20	8	24	11	44	8	24
13	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	53	9	25
13	21	30	22	15	3	16	54	27	17	15	18	19	22	10	26	14	0	11	27
13	25	6	23	15	2	17	38	29	18	15	22	23	23	11	27	15	10	13	28
13	28	53	24	16	3	18	25	wa	19	15	26	29	24	12	28	16	21	15	30
13	32	38	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37	17	31
13	36	25	26	18	5	19	57	2	21	15	34	41	26	14	29	18	53	19	32
13	40	12	27	19	6	20	43	3	22	15	38	49	27	15	1	20	10	20	33
13	44	0	28	20	6	21	39	4	24	15	42	57	28	16	2	21	26	22	4
13	47	48	29	21	7	22	16	5	25	15	47	6	29	16	3	22	50	24	5
13	51	27	30	22	8	23	4	6	26	15	51	15	30	17	4	24	19	25	6

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen VT		3	8	Right Asc. of Meridian.			10	11	12	Ascen T		3	8
H.	M.	S.	°	°	°	°	'	°	°	H.	M.	S.	°	°	°	°	'	°	°
15	51	15	0	17	4	24	13	26	7	18	0	0	0	17	10	0	0	20	13
15	55	25	1	18	5	25	30	28	8	18	4	23	1	18	11	2	53	21	14
15	59	36	2	19	6	27	9	29	10	18	8	43	2	19	13	5	48	23	15
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	35	25	16
16	8	0	4	21	8	Owall		2	12	18	17	26	4	21	16	11	23	26	17
16	12	13	5	22	9	1	48	4	13	18	21	48	5	23	18	14	9	27	18
16	16	26	6	23	10	3	28	6	14	18	26	9	6	24	20	16	58	29	19
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	1	20
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16	1	21
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	34	51	2	22
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	37	34	4	23
16	37	42	11	28	15	12	31	17	21	18	47	51	11	29	28	29	53	5	24
16	41	59	12	29	16	14	30	19	22	18	52	11	12	1	29	28	19	7	25
16	46	16	13	30	17	16	31	21	24	18	56	31	13	2	30	4	40	8	26
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	2	6	58	9	27
16	54	52	15	2	20	20	49	25	26	19	5	8	15	4	4	9	11	10	28
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21	11	29
17	3	29	17	4	22	25	30	28	28	19	13	44	17	7	8	13	29	12	30
17	7	40	18	5	23	27	41	5	29	19	18	1	18	8	10	15	30	14	1
17	12	9	19	6	25	0	7	3	30	19	23	18	19	9	12	17	30	15	2
17	16	20	20	7	26	2	36	3	3	19	26	34	20	10	14	19	34	16	3
17	20	40	21	8	27	5	9	5	3	19	30	50	21	12	16	21	16	16	4
17	25	9	22	9	29	7	44	7	4	19	35	5	22	13	18	23	5	15	5
17	29	30	23	10	30	10	22	8	5	19	39	20	23	14	20	24	51	19	6
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	22	26	32	20	7
17	38	13	25	12	3	15	51	13	7	19	47	47	25	17	24	28	13	21	8
17	42	34	26	13	4	18	37	14	8	19	52	0	26	18	26	29	40	22	9
17	46	55	27	14	5	21	25	15	9	19	56	12	27	19	28	11	20	23	10
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	2	51	25	11	11
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	1	4	31	26	12
18	0	0	30	17	10	30	0	20	13	20	8	45	30	23	3	5	47	26	13

Right Asc. of Meridian.			10	11	12	Ascen II		3	8	Right Asc. of Meridian.			10	11	12	Ascen II		3	8
H.	M.	S.	°	°	°	°	'	°	°	H.	M.	S.	°	°	°	°	'	°	°
20	8	45	0	23	3	5	47	26	13	22	8	23	0	3	23	6	56	22	9
20	12	54	1	24	5	7	10	28	14	22	12	12	1	4	24	7	44	23	10
20	17	3	2	25	7	8	32	28	14	22	16	0	2	5	25	8	31	23	10
20	21	11	3	27	9	9	50	29	15	22	19	48	3	7	26	9	17	24	11
20	25	19	4	28	11	11	7	25	16	22	23	35	4	8	27	10	3	25	12
20	29	26	5	29	13	13	23	1	17	22	27	23	5	9	29	10	50	26	13
20	33	31	6	30	15	15	39	2	18	22	31	8	6	10	31	11	36	26	13
20	37	37	7	3	17	14	50	3	19	22	34	54	7	12	1	12	22	27	14
20	41	41	8	3	18	16	0	4	20	22	38	40	8	13	2	13	6	28	15
20	45	45	9	4	20	17	8	5	21	22	42	25	9	14	3	13	49	29	16
20	49	48	10	6	23	18	16	6	22	22	46	9	10	16	4	14	33	32	17
20	53	51	11	7	24	19	22	7	23	22	49	53	11	17	5	16	17	34	18
20	57	53	12	9	26	20	27	7	23	22	53	37	12	18	7	16	0	1	19
21	1	53	13	10	27	21	30	8	24	22	57	30	13	20	8	16	43	2	19
21	5	53	14	11	29	23	32	9	25	23	1	3	14	21	9	17	25	3	20
21	9	53	15	12	31	25	33	10	26	23	4	46	15	22	10	16	7	4	21
21	13	52	16	14	2	24	32	11	27	23	8	28	16	23	11	18	49	4	22
21	17	50	17	15	4	25	30	12	27	23	12	10	17	24	12	19	31	5	23
21	21	47	18	17	6	26	28	12	28	23	15	52	18	26	13	20	12	6	24
21	25	44	19	18	7	27	24	13	29	23	19	34	19	27	14	20	53	6	25
21	29	40	20	19	9	28	20	14	30	23	23	15	20	28	15	21	34	7	26
21	33	35	21	21	10	29	15	15	1	23	26	56	21	29	16	22	14	8	27
21	37	29	22	22	11	O55		16	2	23	30	37	22	31	17	23	52	9	27
21	41	23	23	23	13	1	2	16	3	23	34	18	23	1	18	23	33	9	27
21	45	16	24	25	15	1	55	17	4	23	37	58	24	2	19	24	13	10	28
21	49	9	25	26	16	2	47	18	4	23	41	39	25	4	20	24	53	11	29
21	53	1	26	28	17	3	39	19	5	23	45	19	26	5	31	25	33	11	29
21	56	53	27	29	19	4	30	20	6	23	49	0	27	6	32	26	11	13	1
22	0	45	28	31	21	5	18	21	7	23	52	40	28	7	33	26	49	14	2
22	4	20	29	1	21	6	7	21	8	23	56	29	29	8	34	27	27	15	3
22	8	20	30	2	22	7	59	22	9	24	0	0	30	9	35	28	28	16	4

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BRONCHITIS,

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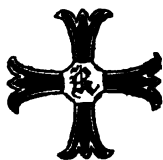
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1883.

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JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	17	0 8 23	15 N 22	1 8 44	20 N 17	0 8 31	20 S 1
4	16	17	0 23	15 21	1 44	20 16	0 31	19 52
7	16	17	0 22	15 21	1 43	20 15	0 31	19 42
10	16	17	0 22	15 20	1 43	20 15	0 31	19 32
13	16	17	0 22	15 20	1 43	20 14	0 31	19 22
16	16	17	0 22	15 20	1 42	20 13	0 31	19 12
19	16	16	0 22	15 20	1 42	20 13	0 31	19 1
22	16	16	0 22	15 20	1 41	20 13	0 32	18 51
25	16	16	0 22	15 20	1 40	20 13	0 32	18 40
28	16	15	0 22	15 20	1 39	20 13	0 33	18 29
31	16	15	0 22	15 21	1 38	20 13	0 33	18 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	M	18 42 17	10 w 34 30	23 S 2	20 II 15	2 N 29	25 N 35	12 54
2	Tu	18 46 14	11 35 38	22 57	2 519	3 22 26	48	12 53
3	W	18 50 10	12 36 47	22 52	14 18	4 5 26	45	12 52
4	Th	18 54 7	13 37 55	22 46	26 12	4 37 25	28	12 51
5	F	18 58 3	14 39 3	22 39	8 5	4 57 23	3	12 50
6	S	19 2 0	15 40 12	22 32	19 57	5 4 19	39	12 49
7	S	19 5 57	16 41 20	22 25	1 m 50	4 59 15	28	12 48
8	M	19 9 53	17 42 28	22 17	13 47	4 40 10	41	12 47
9	Tu	19 13 50	18 43 37	22 9	25 52	4 8 5	26	12 46
10	W	19 17 46	19 44 45	22 0	8 8	3 24 0 8	6	12 45
11	Th	19 21 43	20 45 53	21 51	20 39	2 30 5	45	12 44
12	F	19 25 39	21 47 1	21 42	3 m 32	1 27 11	20	12 43
13	S	19 29 36	22 48 9	21 32	16 49	0 17 16	36	12 42
14	S	19 33 33	23 49 17	21 21	0 f 34	0 8 56	21	12 41
15	M	19 37 29	24 50 24	21 11	14 49	2 8 24	42	12 40
16	Tu	19 41 26	25 51 31	21 0	29 31	3 13 26	41	12 39
17	W	19 45 22	26 52 38	20 48	14 w 36	4 7 26	45	12 38
18	Th	19 49 19	27 53 44	20 36	29 55	4 44 24	49	12 37
19	F	19 53 15	28 54 49	20 24	15 m 15	5 1 21	4	12 36
20	S	19 57 12	29 55 54	20 11	0 x 27	4 56 15	56	12 35
21	S	20 1 8	0 m 56 58	19 58	15 18	4 31 9	58	12 34
22	M	20 5 5	1 58 1	19 44	29 44	3 50 3	37	12 D 44
23	Tu	20 9 2	2 59 2	19 30	13 r 40	2 55	2 N 42	12 33
24	W	20 12 58	4 0 3	19 16	27 7	1 53 8	42	12 32
25	Th	20 16 55	5 1 3	19 2	10 8 9	0 47 14	8	12 31
26	F	20 20 51	6 2 1	18 47	22 48	0 N 20	18	49 12 30
27	S	20 24 48	7 2 58	18 32	5 II 11	1 25 22	34	12 29
28	S	20 28 44	8 3 54	18 16	17 20	2 24 25	15	12 28
29	M	20 32 41	9 4 49	18 0	29 21	3 16 26	43	12 27
30	Tu	20 36 37	10 5 43	17 44	11 5 16	3 59 26	57	12 26
31	W	20 40 34	11 6 35	17 27	23 9	4 31 25	54	12 25

JANUARY XXXI DAYS.													
Mars.				Venus.				Mercury.				Moon's Node.	
Lat.		Declin.		Lat.		Declin.		Lat.		Declin.			
°	'	°	'	°	'	°	'	°	'	°	'	°	'
1	8	20	8 43	0	8 54	23	8 27	0	8 44	24	8 12	19	8 28
1	8	20	9	0	58	23	4	1	2	24	26	19	19
1	7	19	34	1	2	22	34	1	19	24	29	19	9
1	7	18	56	1	6	21	59	1	33	24	20	19	0
1	6	18	17	1	11	21	17	1	45	23	58	18	50
1	6	17	35	1	16	20	30	1	54	23	22	18	40
1	5	16	53	1	19	19	37	2	1	22	33	18	31
1	5	16	8	1	22	18	40	2	4	21	30	18	21
1	4	15	22	1	25	17	37	2	3	20	13	18	12
1	3	14	35	1	27	16	30	1	59	18	42	18	2
1	2	13	46	1	29	15	19	1	51	16	58	17	53
h	Long.	Long.	Long.	Long.	Long.	Mutual Aspts.	Lunar Aspects.						
°	'	°	'	°	'		☉	☿	♈	♉	♊	♋	♌
10	11 16	2m 59	2m 34	15w 7	29 f 17								
10	R 12	3 13	3 21	16 23	0w 49	♈♉♊	☿	*					♌
10	8	3 27	4 8	17 39	2 21	☉Δ♈	☿	*					♌
10	4	3 40	4 55	18 55	3 54				*	♌	♌		
10	0	3 54	5 42	20 10	5 28				☐	*	♌	♌	
9	57	4 8	6 29	21 25	7 2								
9	54	4 22	7 17	22 40	8 36	☉P♀	Δ	Δ	☐				Δ
9	50	4 36	8 4	23 56	10 10								
9	47	4 50	8 51	25 11	11 44								Δ
9	44	5 4	9 39	26 27	13 20	♌Δ♈			Δ	Δ	Δ		☐
9	41	5 18	10 26	27 43	14 56		☐						
9	38	5 32	11 13	28 58	16 32					☐		☐	*
9	35	5 47	12 1	0m 13	18 9		*	♌			☐	*	*
9	32	6 1	12 48	1 28	19 47	♈☐♌				*		*	
9	29	6 15	13 35	2 44	21 25				♌		*		
9	26	6 29	14 23	3 59	23 3								
9	23	6 43	15 10	5 15	24 42			Δ					
9	21	6 57	15 57	6 30	26 22	♈♉♊	♉			♉		♉♉	
9	18	7 11	16 45	7 46	28 2		☐	Δ		♉		♉	
9	16	7 25	17 32	9 1	29 42	☉♉♊							
9	14	7 39	18 19	10 16	1m 23		*	*	☐				
9	12	7 53	19 7	11 32	3 5		*			*	*	*	*
9	10	8 7	19 54	12 47	4 48	♈☐♀				*	*	*	
9	8	8 22	20 42	14 2	6 32						*		
9	7	8 36	21 30	15 17	8 16	♈♉♊	☐	♉	☐			☐	☐
9	5	8 50	22 17	16 32	9 59							☐	
9	4	9 4	23 4	17 48	11 43	♈Δ♈	Δ		♉	Δ			
9	3	9 18	23 51	19 3	13 27	♈☐♊		Δ				Δ	Δ
9	2	9 32	24 38	20 18	15 12	☉Δ♈						Δ	
9	1	9 47	25 26	21 34	16 58	☉♉♊	*						
9	0	10 2	26 14	22 49	18 46								

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16 16	0 8 22	15 N 21	1 8 38	20 N 13	0 8 33	18 S 14
4	16 15	0 22	15 22	1 37	20 13	0 33	18 2
7	16 15	0 22	15 23	1 37	20 14	0 33	17 51
10	16 14	0 22	15 24	1 36	20 15	0 34	17 30
13	16 14	0 22	15 25	1 35	20 16	0 34	17 27
16	16 13	0 22	15 26	1 34	20 17	0 35	17 15
19	16 12	0 22	15 27	1 33	20 18	0 35	17 3
22	16 12	0 22	15 29	1 33	20 19	0 36	16 51
25	16 11	0 22	15 30	1 32	20 21	0 36	16 30
28	16 10	0 22	15 32	1 32	20 22	0 36	16 27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	20 44 31	12 ^m 7 26	17 S 10	5 Ω 1	4 N 51	23 N 44	12 43
2	F	20 48 27	13 8 16	16 53	16 54	4 59	20 32	12 40
3	S	20 52 24	14 9 5	16 36	28 49	4 54	16 29	12 40
4	S	20 56 20	15 9 53	16 18	10 ^m 47	4 35	11 46	12 50
5	M	21 0 17	16 10 39	16 0	22 50	4 4	6 35	12 50
6	Tu	21 4 13	17 11 25	15 42	5 0	3 22	1 6	12 51
7	W	21 8 10	18 12 10	15 23	17 19	2 30	4 S 30	12 52
8	Th	21 12 6	19 12 53	15 4	29 51	1 29	10 2	12 53
9	F	21 16 3	20 13 36	14 45	12 ^m 40	0 23	15 17	12 54
10	S	21 20 0	21 14 17	14 26	25 50	0 8	46 19	12 55
11	S	21 23 56	22 14 58	14 6	9 25	1 55	23 47	12 56
12	M	21 27 53	23 15 37	13 47	23 26	2 59	26 17	12 57
13	Tu	21 31 49	24 16 15	13 27	7 ^m 55	3 54	27 7	12 59
14	W	21 35 46	25 16 52	13 6	22 48	4 35	28 3	13 0
15	Th	21 39 42	26 17 27	12 46	7 ^m 58	4 57	23 4	13 1
16	F	21 43 39	27 18 1	12 25	23 16	4 58	18 28	13 3
17	S	21 47 35	28 18 33	12 4	8 30	4 38	12 41	13 4
18	S	21 51 32	29 19 4	11 43	23 29	3 59	6 15	13 5
19	M	21 55 29	0 19 33	11 22	8 5	3 5	0 N 22	13 7
20	Tu	21 59 25	1 20 0	11 1	22 12	2 2	6 46	13 8
21	W	22 3 22	2 20 26	10 39	5 49	0 53	12 38	13 10
22	Th	22 7 18	3 20 49	10 17	18 57	0 N 17	17 44	13 11
23	F	22 11 15	4 21 11	9 55	1 41	1 23	21 52	13 13
24	S	22 15 11	5 21 30	9 33	14 5	2 24	24 54	13 15
25	S	22 19 8	6 21 48	9 11	26 13	3 17	26 41	13 17
26	M	22 23 4	7 22 4	8 49	8 12	4 0	27 12	13 19
27	Tu	22 27 1	8 22 17	8 26	20 4	4 33	26 27	13 21
28	W	22 30 58	9 22 29	8 4	1 55	4 54	24 31	13 23

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FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	18 2	13 S 30	18 29	14 S 55	18 46	16 S 20	17 50
4	1 1	12 39	1 28	13 38	1 34	14 18	17 40
7	0 59	11 48	1 28	12 19	1 7	12 7	17 30
10	0 59	10 56	1 28	10 57	0 45	9 48	17 21
13	0 58	10 2	1 27	9 32	0 2	7 28	17 11
16	0 58	9 8	1 25	8 5	0 N 40	5 15	17 1
19	0 57	8 14	1 23	6 36	1 33	3 19	16 52
22	0 56	7 18	1 20	5 5	2 10	1 49	16 42
25	0 54	6 22	1 16	3 33	2 52	0 56	16 32
28	0 52	5 26	1 12	2 1	3 23	0 46	16 23

D M	♄		♅		♆		Mutual Aspts.	Lunar Aspects					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /	° /		°	°	°	°	°	°
1	8 59	10 17	27 2	24 4	20 33								
2	8 58	10 31	27 50	25 19	22 20		☉ ☐ ♄	♈	☐		♈		
3	8 57	10 45	28 38	26 34	24 6							♈	♈
4	8 56	10 59	29 25	27 49	25 52				Δ	☐		♈	♈
5	8 56	11 13	0 12	29 4	27 39								
6	8 55	11 27	0 59	0 19	29 25					Δ			
7	8 55	11 41	1 47	1 34	1 10			Δ			Δ		
8	8 55	11 55	2 34	2 49	2 54	♈ ☉ ♀			♈			Δ	Δ
9	8 55	12 9	3 21	4 4	4 36				♈		☐		
10	8 55	12 23	4 9	5 19	6 16			☐					
11	8 55	12 37	4 56	6 34	7 53					♈	*	☐	☐
12	8 56	12 51	5 43	7 49	9 28	♈ ☐ ♀	*		Δ			*	*
13	8 56	13 6	6 30	9 41	0 11	♈ ☐ ♀						*	*
14	8 57	13 20	7 17	10 19	12 28	♈ *							
15	8 57	13 34	8 5	11 34	13 52			☐	Δ	♈			
16	8 58	13 48	8 53	12 48	15 9	♈ *	♈	♈	*			♈	♈
17	8 59	14 2	9 40	14 3	16 20				*	☐		♈	♈
18	9 0	14 16	10 27	15 18	17 24								♈
19	9 1	14 31	11 14	16 33	18 22					*	*		
20	9 2	14 45	12 1	17 48	19 12								
21	9 3	14 59	12 48	19 3	19 54			*	♈				
22	9 4	15 13	13 36	20 17	20 25	♀ ☉ ♀			♈		☐	*	*
23	9 6	15 27	14 23	21 32	20 46			☐					
24	9 8	15 41	15 10	22 46	20 58				♈	Δ	☐		
25	9 10	15 55	15 58	24 1	21 2							☐	☐
26	9 11	16 9	16 45	25 16	20 54			Δ	*				
27	9 13	16 23	17 32	26 30	20 38							Δ	Δ
28	9 15	16 37	18 19	27 45	20 12	☉ ☐ ♈							

MARCH XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 22	15 N33	18 31	20 N23	08 36	16 S23
4	16	8	0 22	15 35	1 30	20 25	0 37	16 11
7	16	8	0 22	15 37	1 29	20 27	0 37	15 59
10	16	7	0 22	15 39	1 29	20 29	0 38	15 47
13	16	6	0 22	15 41	1 28	20 31	0 38	15 35
16	16	5	0 22	15 43	1 28	20 33	0 38	15 23
19	16	4	0 22	15 46	1 27	20 35	0 39	15 11
22	16	4	0 22	15 48	1 26	20 38	0 39	14 59
25	16	3	0 22	15 51	1 25	20 40	0 39	14 48
28	16	2	0 22	15 53	1 25	20 43	0 40	14 36
31	16	1	0 22	15 56	1 24	20 46	0 40	14 25

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	22 34 54	10 22 38	78 41	13 24 47	5 N 2	21 N31	13 25
2	F	22 38 51	11 22 46	7 19	25 42	4 57	17 37	13 27
3	S	22 42 47	12 22 51	6 55	7 42	4 39	13 0	13 29
4	S	22 46 44	13 22 55	6 32	19 49	4 8	7 50	13 31
5	M	22 50 40	14 22 57	6 9	2 2	3 25	2 20	13 33
6	Tu	22 54 37	15 22 57	5 46	14 24	2 32	3 S 20	13 35
7	W	22 58 33	16 22 56	5 23	26 56	1 31	8 58	13 37
8	Th	23 2 30	17 22 53	4 59	9 38	0 25	14 19	13 39
9	F	23 6 27	18 22 48	4 36	22 35	0 S 44	19 9	13 41
10	S	23 10 23	19 22 42	4 13	5 48	1 53	23 8	13 44
11	S	23 14 20	20 22 33	3 49	19 19	2 57	25 58	13 46
12	M	23 18 16	21 22 24	3 25	3 12	3 52	27 17	13 49
13	Tu	23 22 13	22 22 12	3 2	17 25	4 34	26 51	13 51
14	W	23 26 9	23 21 59	2 38	1 58	5 0	24 36	13 54
15	Th	23 30 6	24 21 44	2 14	16 47	5 6	20 41	13 56
16	F	23 34 2	25 21 27	1 51	1 44	4 52	15 24	13 59
17	S	23 37 59	26 21 8	1 27	16 41	4 18	9 13	14 1
18	S	23 41 55	27 20 48	1 3	1 29	3 27	2 34	14 4
19	M	23 45 52	28 20 25	0 41	16 0	2 23	4 N 6	14 6
20	Tu	23 49 49	29 20 0	0 16	0 7	1 12	10 24	14 9
21	W	23 53 45	0 19 33	0 N 8	13 48	0 N 1	16 1	14 11
22	Th	23 57 42	1 19 4	0 31	27 3	1 12	20 41	14 14
23	F	0 1 38	2 18 33	0 55	9 52	2 18	24 13	14 17
24	S	0 5 35	3 17 59	1 19	22 21	3 15	26 29	14 20
25	S	0 9 31	4 17 22	1 42	4 33	4 1	27 24	14 23
26	M	0 13 28	5 16 44	2 6	16 34	4 37	27 0	14 26
27	Tu	0 17 24	6 16 4	2 29	28 28	5 0	25 23	14 29
28	W	0 21 21	7 15 21	2 53	10 19	5 10	22 38	14 32
29	Th	0 25 18	8 14 35	3 16	22 13	5 7	18 59	14 35
30	F	0 29 14	9 13 48	3 40	4 11	4 50	14 29	14 38
31	S	0 33 11	10 12 58	4 8	16 17	4 21	9 25	14 41

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RAPHAEL'S ASTRONOMICAL EPHEMERIS.

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MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	08 52	58 7	18 11	18 30	3 N31	08 52	16 20
4	0 50	4 11	1 7	0 N 4	3 42	1 38	16 11
7	0 49	3 14	1 1	1 37	3 34	2 53	16 1
10	0 47	2 17	0 56	3 10	3 10	4 22	15 52
13	0 46	1 20	0 50	4 43	2 32	5 49	15 42
16	0 44	0 22	0 43	6 14	1 48	7 3	15 33
19	0 43	0 N34	0 36	7 45	1 13	7 57	15 23
22	0 42	1 31	0 28	9 14	0 21	8 30	15 14
25	0 40	2 28	0 20	10 41	0 S18	8 42	15 4
28	0 39	3 24	0 13	12 6	0 54	8 34	14 55
31	0 37	4 19	0 5	13 28	1 23	8 7	14 45

D M	h	Long.	♄	Long.	♅	Long.	♆	Long.	♇	Long.	Mutual Aspts.	Lunar Aspects.					
												☉	☿	♈	♉	♊	♋
												° /	° /	° /	° /	° /	° /
1	9	17	16	50	19	6	29	0	19	35	♄♅♆		☐	*	♄		
2	9	17	16	49	53	0	14	18	57	♄♅♆							
3	9	17	18	20	40	1	28	18	10			♄	☐				
4	9	17	32	21	26	2	43	17	16	☉*	☐					♄	♄
5	9	17	46	22	13	3	58	16	20								♄
6	9	17	59	23	0	5	12	15	21	☉♄♅				☐	☐		
7	9	18	12	23	47	6	26	14	21								
8	9	18	26	24	34	7	40	13	22	☐*	☐	♄					☐
9	9	18	39	25	21	8	54	12	23			☐			☐	☐	
10	9	18	52	26	8	10	8	11	28	☐*	☐		♄			☐	☐
11	9	19	5	26	55	11	22	10	35			☐			*		
12	9	19	19	27	41	12	36	9	48	☐☐☐						☐	*
13	9	19	32	28	27	13	51	9	6			*	☐				
14	9	19	45	29	14	15	5	8	29							*	
15	9	19	58	0	1	16	19	7	58			☐	☐	☐	♄		*
16	10	3	20	11	0	48	17	33	7	32							♄
17	10	7	20	24	1	34	18	47	7	16			*	☐			
18	10	10	20	37	2	20	20	1	7	7		☐				☐	
19	10	14	20	50	3	6	21	14	7	5	☐*			*	*		☐
20	10	18	21	3	3	52	22	28	7	3	☉☐☐						
21	10	22	21	16	4	38	23	42	7	9			☐				*
22	10	26	21	29	5	25	24	56	7	21		*			☐		
23	10	31	21	41	6	11	26	10	7	37				☐		*	☐
24	10	36	21	53	6	57	27	24	8	0	☐☐☐				☐	*	
25	10	41	22	5	7	44	28	38	8	27		☐				☐	☐
26	10	45	22	17	8	30	29	51	8	59			*				
27	10	50	22	29	9	16	18	5	9	35						☐	
28	10	55	22	41	10	3	2	18	10	15		☐	☐	*		☐	
29	11	0	22	53	10	49	3	31	10	58	☐☐☐				♄		☐
30	11	5	23	5	11	35	4	45	11	45						☐	
31	11	10	23	17	12	21	5	59	12	35			☐				♄

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	2	0 S 22	15 N 57	1 S 24	20 N 47	0 S 40	14 S 21
4	16	1	0 22	16 0	1 23	20 49	0 40	14 10
7	16	0	0 21	16 2	1 23	20 52	0 41	13 59
10	15	59	0 21	16 5	1 22	20 55	0 42	13 48
13	15	58	0 21	16 8	1 22	20 58	0 42	13 38
16	15	58	0 21	16 11	1 21	21 1	0 43	13 28
19	15	57	0 21	16 14	1 20	21 4	0 44	13 18
22	15	56	0 21	16 17	1 19	21 6	0 45	13 8
25	15	55	0 21	16 20	1 19	21 9	0 45	12 58
28	15	55	0 21	16 23	1 18	21 12	0 46	12 50

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° / "	° /	° /	° /	° /	°
1	S	0 37 7	11 12 6	4 N 26	28 33	3 N 39	3 N 55	14 43
2	M	0 41 4	12 11 12	4 49	11 0	2 46	1 S 49	14 46
3	Tu	0 45 0	13 10 16	5 12	23 38	1 44	7 35	14 49
4	W	0 48 57	14 9 18	5 35	6 28	0 35	13 8	14 52
5	Th	0 52 53	15 8 18	5 58	19 31	0 S 36	18 12	14 55
6	F	0 56 50	16 7 16	6 21	2 46	1 47	22 28	15 59
7	S	1 0 47	17 6 12	6 43	16 14	2 53	25 36	15 1
8	S	1 4 43	18 5 7	7 6	29 55	3 50	27 17	15 4
9	M	1 8 40	19 4 0	7 28	13 50	4 35	27 16	15 8
10	Tu	1 12 36	20 2 51	7 51	27 57	5 42	25 33	15 11
11	W	1 16 33	21 1 41	8 13	12 16	5 14	22 10	15 15
12	Th	1 20 29	22 0 29	8 35	26 42	5 5	17 24	15 19
13	F	1 24 26	22 59 15	8 57	11 13	4 37	11 38	15 21
14	S	1 28 22	23 57 59	9 18	25 42	3 51	5 15	15 24
15	S	1 32 19	24 56 41	9 40	10 7	2 51	1 N 23	15 27
16	M	1 36 16	25 55 22	10 1	24 15	1 41	7 51	15 31
17	Tu	1 40 12	26 54 0	10 23	8 8	0 26	13 49	15 34
18	W	1 44 9	27 52 37	10 44	21 41	0 N 49	18 59	15 37
19	Th	1 48 5	28 51 12	11 5	4 53	1 59	23 5	15 41
20	F	1 52 2	29 49 44	11 25	17 43	3 1	25 54	15 44
21	S	1 55 58	0 48 15	11 46	0 14	3 53	27 21	15 47
22	S	1 59 55	1 46 43	12 6	12 30	4 33	27 24	15 50
23	M	2 3 51	2 45 9	12 26	24 33	5 0	26 9	15 54
24	Tu	2 7 48	3 43 33	12 46	6 29	5 14	23 44	15 57
25	W	2 11 45	4 41 55	13 6	18 22	5 16	20 15	16 1
26	Th	2 15 41	5 40 15	13 25	0 17	5 2	16 5	16 4
27	F	2 19 38	6 38 32	13 45	12 17	4 36	11 12	16 7
28	S	2 23 34	7 36 48	14 4	24 27	3 57	5 50	16 10
29	S	2 27 31	8 35 2	14 23	6 51	3 6	0 8	16 14
30	M	2 31 27	9 33 14	14 41	19 29	2 6	5 S 41	16 18

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 S 37	4 N 38	0 S 2	13 N 54	1 S 31	7 S 55	14 42
4	0 35	5 32	0 N 6	15 18	1 51	7 7	14 32
7	0 33	6 27	0 15	16 28	2 13	6 5	14 23
10	0 32	7 20	0 24	17 39	2 26	4 49	14 13
13	0 30	8 13	0 33	18 46	2 34	3 21	14 4
16	0 28	9 5	0 41	19 49	2 38	1 41	13 54
19	0 26	9 56	0 50	20 47	2 36	0 N 9	13 45
22	0 24	10 46	0 59	21 40	2 31	2 8	13 35
25	0 23	11 35	1 6	22 29	2 20	4 16	13 26
28	0 20	12 22	1 14	23 11	2 4	6 32	13 16

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋
1	11 15	23 29	13 7	7 12	13 29	☉ * ♈						
2	11 20	23 41	13 53	8 25	14 26	☿ * ♉	♈		Δ		♈	
3	11 25	23 53	14 38	9 38	15 26					Δ		
4	11 31	24 5	15 24	10 51	16 29							♈
5	11 36	24 17	16 10	12 4	17 34	♈ ∠ ♉	♈		□			Δ
6	11 42	24 28	16 56	13 17	18 41	☉ P ♉						
7	11 48	24 39	17 41	14 30	19 50	♀ ☉ ♉	Δ		♈		Δ	
8	11 53	24 50	18 27	15 43	21 1					*		□
9	11 59	25 1	19 13	16 56	22 15		□	Δ			□	Δ
10	12 4	25 12	19 59	18 9	23 31	☉ ☉ ♈						*
11	12 10	25 23	20 44	19 22	24 49			□	Δ			
12	12 16	25 34	21 29	20 35	26 9		*			♈	*	□
13	12 22	25 45	22 13	21 47	27 31			*	□			
14	12 28	25 56	22 58	22 59	28 55							*
15	12 34	26 7	23 43	24 12	0 21	☿ ∠ ♉			*			♈
16	12 40	26 18	24 29	25 25	1 49		♈			*	♈	
17	12 46	26 28	25 14	26 37	3 19	☉ * ♉		♈				
18	12 52	26 38	26 0	27 50	4 50				□			♈
19	12 59	26 48	26 46	29 3	6 24	♉ * ♈			♈			*
20	13 5	26 58	27 31	0 16	7 58			♈				
21	13 12	27 8	28 16	1 28	9 35	♈ ∠ ♈	*			Δ	*	
22	13 18	27 18	29 0	2 40	11 14			*				□
23	13 25	27 28	29 45	3 52	12 54	☿ * ♈					□	
24	13 31	27 37	0 8	4 30	5 35		□				*	
25	13 38	27 46	1 14	6 16	16 18	☉ P ♉		□	*			Δ
26	13 44	27 55	1 59	7 28	18 4		Δ			♈	Δ	
27	13 51	28 4	2 44	8 40	19 51			Δ	□			□
28	13 58	28 13	3 29	9 52	21 40							
29	14 5	28 22	4 14	11 4	23 30							Δ
30	14 12	28 30	4 58	12 16	25 21				Δ			

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	08	21	18	15	08	47
4	15	52	0	21	18	18	0	47
7	15	51	0	21	17	21	0	48
10	15	51	0	21	17	21	0	49
13	15	50	0	21	17	21	0	49
16	15	49	0	21	17	21	0	50
19	15	49	0	21	17	21	0	51
22	15	48	0	21	17	21	0	52
25	15	48	0	21	16	21	0	52
28	15	47	0	20	16	21	0	53
31	15	47	0	20	16	21	0	54

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	2 35 24	108 31 24	14 N59	2 m 23	0 N58	11 S 25	168 22
2	W	2 39 20	11 29 32	15 18 15	34	0 S 15	16 45	16 25
3	Th	2 43 17	12 27 38	15 35 29	1	1 28 21	24	16 28
4	F	2 47 14	13 25 43	15 53 12	42	2 38 24	57	16 31
5	S	2 51 10	14 23 47	16 10 26	35	3 39 27	4	16 34
6	S	2 55 7	15 21 49	16 27 10	37	4 28 27	29	16 38
7	M	2 59 3	16 19 50	16 44 24	46	5 1 26	8	16 41
8	Tu	3 3 0	17 17 49	17 1 8	59	5 16 23	6	16 45
9	W	3 6 56	18 15 47	17 17 23	14	5 12 18	41	16 48
10	Th	3 10 53	19 13 44	17 33 7	26	4 48 13	14	16 52
11	F	3 14 49	20 11 40	17 49 21	35	4 7 7	7	16 55
12	S	3 18 46	21 9 34	18 4 5	38	3 12 0	42	16 59
13	S	3 22 43	22 7 27	18 19 19	32	2 6 5	N43	17 3
14	M	3 26 39	23 5 19	18 34 3	15	0 53 11	47	17 6
15	Tu	3 30 36	24 3 9	18 48 16	45	0 N21	17 12	17 10
16	W	3 34 32	25 0 58	19 2 29	59	1 33 21	41	17 13
17	Th	3 38 29	25 58 45	19 16 12	58	2 39 25	0	17 17
18	F	3 42 25	26 56 31	19 29 25	41	3 35 26	58	17 20
19	S	3 46 22	27 54 16	19 43 8	25	4 20 27	32	17 24
20	S	3 50 18	28 51 59	19 56 20	23	4 52 26	43	17 27
21	M	3 54 15	29 49 41	20 8 2	27	5 10 24	40	17 31
22	Tu	3 58 12	0 47 21	20 20 14	23	5 15 21	33	17 34
23	W	4 2 8	1 44 59	20 32 26	16	5 6 17	34	17 38
24	Th	4 6 5	2 42 36	20 43 8	10	4 44 12	54	17 41
25	F	4 10 1	3 40 12	20 54 20	11	4 10 7	43	17 45
26	S	4 13 58	4 37 46	21 5 2	22	3 24 2	11	17 48
27	S	4 17 54	5 35 18	21 15 14	48	2 28 3	S 34	17 52
28	M	4 21 51	6 32 50	21 25 27	33	1 23 9	19	17 55
29	Tu	4 25 47	7 30 20	21 35 10	38	0 12 1	50	17 58
30	W	4 29 44	8 27 49	21 44 24	6	1 S 2	19 49	18 1
31	Th	4 33 41	9 25 16	21 53 7	54	2 18 23	50	18 4

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	0 S 18	13 N 9	1 N 23	23 N 48	1 S 45	8 N 53	13 8 7
4	0 18	13 55	1 30	24 19	1 21	11 19	12 57
7	0 16	14 39	1 36	24 44	0 53	13 46	12 48
10	0 14	15 21	1 43	25 3	0 23	16 10	12 38
13	0 12	16 3	1 49	25 16	0 N 7	18 28	12 29
16	0 9	16 43	1 53	25 22	0 40	20 32	12 19
19	0 6	17 21	1 58	25 22	1 8	22 19	12 10
22	0 5	17 58	2 3	25 15	1 38	23 43	12 0
25	0 3	18 33	2 6	25 3	1 52	24 44	11 51
28	0 1	19 7	2 9	24 44	2 5	25 21	11 41
31	0 0	19 39	2 10	24 19	2 9	25 37	11 32

D M	h	♄	♅	♆	♁	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° ' "	° ' "	° ' "	° ' "	° ' "									
1	14 19	28 39	5 42	13 27	27 16									
2	14 26	28 48	6 27	14 39	29 12	♀♂h	♂	♂			Δ	♂		♂
3	14 33	28 57	7 12	15 50	1 8 9	♀♂♂					□			
4	14 40	29 6	7 56	17 1	3 8					♂				♂
5	14 47	29 14	8 40	18 13	5 9						*			
6	14 54	29 22	9 24	19 24	7 11	☉P♂h	Δ	Δ				Δ		Δ
7	15 2	29 30	10 20	20 35	9 15	☉♂h							Δ	
8	15 9	29 37	11 10	21 46	11 21	♀♂♂				Δ		□		□
9	15 16	29 45	12 11	22 57	13 27			□	□		♂		Δ	
10	15 23	29 52	13 12	24 9	15 35							*		
11	15 30	29 59	14 13	25 32	17 45	♀P♂h	*	*	□					□*
12	15 37	0 6	15 13	26 47	19 54									
13	15 45	0 13	16 14	27 31	22 5	☉♂♀				*				
14	15 52	0 20	17 15	28 52	24 16						*		*	
15	15 59	0 27	18 15	29 59	26 27	♄Δ♀			♂				♂	
16	16 6	0 34	19 16	30 1	28 39				♂			□		♂
17	16 13	0 41	20 17	31 2	30 49	♄□♀					♂			
18	16 21	0 47	21 18	32 3	33 59							Δ		
19	16 29	0 53	22 18	33 4	37 9									♂
20	16 37	0 59	23 19	34 5	40 17				*				*	
21	16 45	1 5	24 20	35 7	43 24				*					
22	16 53	1 10	25 21	36 8	46 28	☉□♄				□	*			*
23	17 1	1 15	26 21	37 9	49 31							♂	□	*
24	17 8	1 20	27 22	38 10	52 32				□					*
25	17 16	1 25	28 23	39 11	55 30	♀♂h			Δ	□			Δ	□
26	17 24	1 30	29 23	40 12	58 26				Δ					
27	17 31	1 35	30 24	41 14	0 21							Δ		□
28	17 39	1 40	31 25	42 15	3 12								Δ	Δ
29	17 47	1 45	32 26	43 16	6 25	♄□♀								
30	17 54	1 49	33 26	44 17	9 47	♀*♂h			♂				♂	
31	18 2	1 53	34 27	45 18	12 30				♂			□		

JUNE XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	15 48	0 8 20	16 N 56	1 8 16	21 N 42	0 8 54	11 S 39
4	15 48	0 20	16 59	1 16	21 44	0 55	11 36
7	15 47	0 20	17 1	1 15	21 47	0 56	11 33
10	15 47	0 20	17 4	1 15	21 49	0 56	11 31
13	15 47	0 20	17 7	1 15	21 51	0 57	11 30
16	15 46	0 20	17 9	1 14	21 53	0 58	11 29
19	15 46	0 20	17 11	1 14	21 55	0 59	11 29
22	15 46	0 20	17 14	1 13	21 56	1 0	11 30
25	15 46	0 20	17 16	1 13	21 58	1 1	11 31
28	15 46	0 20	17 18	1 13	22 0	1 1	11 33

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° '	° ' "	° ' "	° ' "	° ' "
1	F	4 37 37	10 22 43	22 N 1	22 ♄ 1	3 8 18	26 S 31	18 8 8
2	S	4 41 34	11 20 9	22 10	6 ♄ 23	4 12 27	30	18 11
3	S	4 45 30	12 17 34	22 17	20 52	4 50 26	37	18 15
4	M	4 49 27	13 14 58	22 25	5 ♄ 25	5 10 23	56	18 18
5	Tu	4 53 23	14 12 22	22 31	19 54	5 9 19	45	18 22
6	W	4 57 20	15 9 45	22 38	4 ♄ 15	4 50 14	27	18 25
7	Th	5 1 16	16 7 8	22 44	18 25	4 13 8	27	18 28
8	F	5 5 13	17 4 30	22 50	2 ♄ 23	3 21 2	8	18 31
9	S	5 9 10	18 1 51	22 55	16 7	2 19 4	N 13	18 34
10	S	5 13 6	18 59 12	23 0	29 38	1 9 10	16	18 37
11	M	5 17 3	19 56 33	23 5	12 56	0 N 3 15	46	18 40
12	Tu	5 20 59	20 53 53	23 9	26 1	1 13 20	28	18 43
13	W	5 24 56	21 51 12	23 13	8 55	2 19 24	5	18 46
14	Th	5 28 52	22 48 31	23 16	21 36	3 16 26	27	18 49
15	F	5 32 49	23 45 50	23 19	4 6	4 3 27	27	18 52
16	S	5 36 46	24 43 8	23 21	16 25	4 38 27	3	18 55
17	S	5 40 42	25 40 25	23 23	28 34	5 0 25	21	18 58
18	M	5 44 39	26 37 41	23 25	10 84	5 8 22	32	19 1
19	Tu	5 48 35	27 34 57	23 26	22 28	5 2 18	48	19 4
20	W	5 52 32	28 32 13	23 27	4 20	4 44 14	20	19 7
21	Th	5 56 28	29 29 27	23 28	16 13	4 14 9	20	19 10
22	F	6 0 25	0 26 41	23 28	28 11	3 32 3	58	19 13
23	S	6 4 21	1 23 54	23 27	10 21	2 40 1	S 39	19 16
24	S	6 8 18	2 21 7	23 26	22 45	1 40 7	19	19 19
25	M	6 12 15	3 18 19	23 25	5 30	0 33 12	51	19 21
26	Tu	6 16 11	4 15 31	23 23	18 39	0 S 38 17	59	19 24
27	W	6 20 8	5 12 42	23 21	2 ♄ 14	1 48 22	24	19 27
28	Th	6 24 4	6 9 53	23 19	16 16	2 55 25	39	19 30
29	F	6 28 1	7 7 4	23 16	0 42	3 51 27	19	19 32
30	S	6 31 57	8 4 15	23 13	15 27	4 34 27	6	19 34

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 1	19 N 49	2 N 11	24 N 10	2 N 9	25 N 38	11 29
4	0 3	20 19	2 12	23 37.	2 4	25 28	11 20
7	0 5	20 47	2 12	23 0	1 55	25 3	11 10
10	0 7	21 13	2 10	22 17	1 36	24 26	11 1
13	0 8	21 37	2 8	21 29	1 10	23 39	10 51
16	0 10	21 59	2 5	20 36	0 42	22 47	10 42
19	0 12	22 20	2 1	19 39	0 6	21 50	10 32
22	0 14	22 38	1 55	18 38	0 S 25	20 53	10 23
25	0 16	22 55	1 51	17 34	1 20	19 57	10 13
28	0 18	23 10	1 42	16 26	2 7	19 6	10 4

D M	h		♄		♅		♆		♇		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	°	'	°	'	°	'	°	'	°	'		°	°	°	°	°	°
1	18 10	1 × 57	28 15	19 50	0 59	11 47	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄			♄			♄
2	18 17	2 128	58 20	59 1	47	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄			♄	*		♄
3	18 25	2 429	41 22	8 3	21	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		Δ				♄
4	18 32	2 7	0 23	23 17	4 55	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄					Δ	
5	18 40	2 10	1 6	24 25	6 22	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		Δ	□	Δ		
6	18 48	2 13	1 49	25 33	7 47	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄				♄	□	Δ
7	18 56	2 16	2 31	26 41	9 10	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		□	*	□		
8	19 4	2 19	3 14	27 49	10 30	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄					*	Δ
9	19 12	2 21	3 56	28 57	11 46	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄		*		*		□
10	19 20	2 23	4 38	0 5	13 0	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄				*		□
11	19 28	2 26	5 20	1 13	14 11	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		♄				*
12	19 36	2 28	6 2	2 21	15 19	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄				□		
13	19 44	2 30	6 4	3 29	16 23	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄					♄	*
14	19 51	2 31	7 26	4 36	17 23	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄	☉ P ♄		♄		♄		
15	19 59	2 32	8 8	5 43	18 21	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄				Δ		
16	20 7	2 33	8 51	6 50	19 15	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		*				♄
17	20 15	2 34	9 33	7 57	20 5	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄						
18	20 22	2 35	10 15	9 4	20 52	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄					*	♄
19	20 30	2 36	10 57	10 10	21 35	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		*	□	*		
20	20 37	2 36	11 39	11 16	22 14	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄					♄	
21	20 45	2 37	12 21	12 22	22 49	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄			Δ	□		
22	20 53	2 37	13 2	13 29	23 20	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		□				*
23	21 1	2 37	13 44	14 35	23 48	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄					Δ	*
24	21 9	2 36	14 26	15 41	24 10	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄				Δ		□
25	21 17	2 35	15 7	16 46	24 26	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄	♄ ♄ ♄		Δ			Δ	
26	21 24	2 34	15 49	17 51	24 38	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄			♄			Δ
27	21 32	2 33	16 31	18 56	24 48	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄				□		
28	21 40	2 32	17 13	20 1	24 51	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄			♄		♄	Δ
29	21 47	2 31	17 54	21 6	24 50	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄		♄		*		
30	21 55	2 30	18 35	22 11	24 46	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄	☉ ♄ ♄			Δ			

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	08 20	17 N20	18 13	22 N 1	18 3	11 35
4	15	45	0 20	17 22	1 13	22 3	1 4	11 39
7	15	45	0 20	17 24	1 13	22 4	1 5	11 42
10	15	45	0 20	17 26	1 13	22 5	1 5	11 46
13	15	45	0 20	17 28	1 13	22 6	1 6	11 51
16	15	46	0 20	17 29	1 13	22 8	1 7	11 57
19	15	46	0 20	17 31	1 13	22 9	1 8	12 2
22	15	46	0 20	17 32	1 13	22 9	1 8	12 9
25	15	46	0 20	17 33	1 13	22 10	1 9	12 16
28	15	47	0 20	17 35	1 13	22 11	1 10	12 23
31	15	47	0 20	17 36	1 13	22 12	1 11	12 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	S	6 35 54	9 25 1	23 N 9	0 22	48 59	24 35	19 37
2	M	6 39 50	9 58 36	23 5	15 19	5 42	1 5	19 40
3	Tu	6 43 47	10 55 47	23 1	0 10	4 48	15 54	19 42
4	W	6 47 44	11 52 58	22 56	14 46	4 13	9 54	19 45
5	Th	6 51 40	12 50 9	22 50	29 3	3 23	3 29	19 47
6	F	6 55 37	13 47 21	22 45	13 0	2 22	2 N 57	19 50
7	S	6 59 33	14 44 33	22 39	26 37	1 15	9 7	19 52
8	S	7 3 30	15 41 46	22 32	9 55	0 54	14 44	19 54
9	M	7 7 26	16 38 59	22 25	22 56	1 N 4	19 33	19 56
10	Tu	7 11 23	17 36 12	22 18	5 43	2 8	23 23	19 58
11	W	7 15 19	18 33 26	22 10	18 18	3 5	26 1	20 0
12	Th	7 19 16	19 30 40	22 2	0 43	3 52	27 20	20 2
13	F	7 23 13	20 27 55	21 54	12 17	4 28	27 16	20 4
14	S	7 27 9	21 25 10	21 45	25 8	4 51	25 53	20 6
15	S	7 31 6	22 22 26	21 36	7 9	5 0	23 20	20 8
16	M	7 35 2	23 19 42	21 27	19 5	4 57	19 49	20 10
17	Tu	7 38 59	24 16 58	21 17	0 56	4 40	15 31	20 12
18	W	7 42 55	25 14 15	21 6	12 47	4 12	10 39	20 14
19	Th	7 46 52	26 11 31	20 56	24 38	3 32	5 23	20 16
20	F	7 50 48	27 8 48	20 45	6 35	2 43	0 S 7	20 18
21	S	7 54 45	28 6 6	20 34	18 42	1 46	5 42	20 20
22	S	7 58 42	29 3 23	20 22	1 3	0 43	11 11	20 22
23	M	8 2 38	0 0 41	20 10	13 45	0 S 2	16 22	20 23
24	Tu	8 6 35	0 58 0	19 58	26 51	1 32	20 58	20 25
25	W	8 10 31	1 55 18	19 45	10 25	2 37	24 37	20 26
26	Th	8 14 28	2 52 38	19 32	24 28	3 35	26 55	20 28
27	F	8 18 24	3 49 58	19 19	9 0	4 21	27 29	20 29
28	S	8 22 21	4 47 18	19 5	23 56	4 50	26 6	20 31
29	S	8 26 18	5 44 39	18 51	9 7	5 0	22 49	20 32
30	M	8 30 14	6 42 1	18 37	24 22	4 49	17 57	20 34
31	Tu	8 34 11	7 39 25	18 22	9 31	4 17	11 58	20 35

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 20	23 N 23	1 N 32	15 N 15	2 S 56	18 N 23	9 53
4	0 20	23 34	1 22	14 1	3 39	17 49	9 43
7	0 24	23 43	1 12	12 45	4 16	17 27	9 34
10	0 26	23 50	0 59	11 28	4 42	17 17	9 24
13	0 28	23 55	0 46	10 8	4 47	17 20	9 15
16	0 30	23 58	0 32	8 47	4 52	17 35	9 5
19	0 32	24 0	0 16	7 25	4 37	18 0	8 56
22	0 34	23 59	0 0	6 2	4 7	18 32	8 46
25	0 35	23 57	0 8 6	4 39	3 22	19 8	8 37
28	0 36	23 53	0 38	3 16	2 46	19 43	8 27
31	0 38	23 47	0 59	1 53	2 8	20 13	8 18

D M	♂		♀		Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.		☉	♂	♂	♂	♂	♀	♀
	° /	° /	° /	° /	° /							
1	22 3	2 × 28 19	16 23 15	24 36								♂
2	22 10	2 26 19	57 24	19 24 21	♂ ∨ ♂		☐	Δ	♂	Δ		♂
3	22 18	2 24 20	38 25	23 24 3				♂			♂	
4	22 25	2 22 21	19 26	26 23 41			Δ	*			☐	
5	22 32	2 19 22	0 27	29 23 14				☐				Δ
6	22 40	2 16 22	41 28	33 22 48	♂ ♂ ♀		☐					
7	22 48	2 13 23	22 29	36 22 13				*	*	*	Δ	☐
8	22 55	2 10 24	3 0 38	38 21 38			*					
9	23 3	2 7 24	44 1	40 21 1	♀ ♂ ♀		♂					*
10	23 10	2 3 25	25 2	42 20 22				☐			☐	
11	23 17	2 0 26	6 3	44 19 43	♂ * ♀			♂				
12	23 25	1 57 26	47 4	45 19 4	☉ * ♀				Δ	♂	*	
13	23 32	1 53 27	27 5	46 18 25								♂
14	23 39	1 49 28	8 6	47 17 48			♂	*				
15	23 46	1 45 28	48 7	47 17 13								
16	23 53	1 40 29	28 8	48 16 41				☐	*			
17	24 0	1 35 0 5	9 9	48 16 12					♂	*		
18	24 7	1 30 0	49 10	48 15 46							♂	*
19	24 15	1 25 1	30 11	47 15 24	♂ Δ ♂		*	Δ	☐			
20	24 22	1 20 2	10 12	45 15 9							☐	
21	24 29	1 15 2	50 13	43 14 59					Δ			☐
22	24 36	1 9 3	30 14	41 14 53	♀ * ♀		☐			Δ	Δ	
23	24 43	1 3 4	10 15	38 14 51				♂				*
24	24 50	0 57 4	50 16	35 14 57	♂ Δ ♂		Δ			☐		Δ
25	24 57	0 52 5	30 17	32 15 7								
26	25 3	0 46 6	10 18	28 15 24					♂	*		☐
27	25 10	0 40 6	50 19	24 15 48							♂	♂
28	25 17	0 34 7	30 20	20 16 17	♀ Δ ♀			Δ				Δ
29	25 24	0 28 8	10 21	15 16 54			♂					
30	25 30	0 21 8	50 22	9 17 37				☐	Δ	♂		
31	25 37	0 14 9	20 23	2 18 24							Δ	

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 8	20	1 8	13	1 8	11
4	15	48	0	20	1	13	1	11
7	15	49	0	20	1	13	1	12
10	15	49	0	20	1	13	1	13
13	15	50	0	20	1	13	1	13
16	15	50	0	20	1	13	1	13
19	15	51	0	20	1	13	1	14
22	15	51	0	20	1	13	1	14
25	15	52	0	20	1	13	1	14
28	15	53	0	21	1	13	1	14
31	15	53	0	21	1	13	1	15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	8 38 7	8 23 36	48 18 N	7 24	25 38 S	28 58	25 20
2	Th	8 42 4	9 34 14	17 52	8 17	27 2	27 1	20 37
3	F	8 46 0	10 31 40	17 37	23 0	1 19	7 44	20 38
4	S	8 49 57	11 29 8	17 21	6 39	0 7	13 38	20 39
5	S	8 53 54	12 26 37	17 5	19 53	1 N	2 18	44 20
6	M	8 57 50	13 24 7	16 49	2 48	2 7	22 49	20 41
7	Tu	9 1 47	14 21 39	16 32	15 25	3 4	25 42	20 42
8	W	9 5 43	15 19 12	16 15	27 49	3 51	27 17	20 43
9	Th	9 9 40	16 16 46	15 58	10 52	4 26	27 30	20 44
10	F	9 13 36	17 14 22	15 41	22 7	4 49	26 24	20 45
11	S	9 17 33	18 11 59	15 23	4 7	4 59	24 5	20 46
12	S	9 21 30	19 9 37	15 5	16 2	4 56	20 45	20 47
13	M	9 25 26	20 7 17	14 47	27 54	4 40	16 36	20 48
14	Tu	9 29 23	21 4 58	14 29	9 45	4 12	11 49	20 49
15	W	9 33 19	22 2 40	14 10	21 36	3 33	6 36	20 50
16	Th	9 37 16	23 0 23	13 52	3 2	2 45	1 8	20 51
17	F	9 41 12	23 58 7	13 33	15 25	1 48	4 8	20 52
18	S	9 45 9	24 55 52	13 13	27 36	0 46	9 55	20 53
19	S	9 49 5	25 53 39	12 54	9 57	0 8	19 15	7 20
20	M	9 53 2	26 51 27	12 34	22 36	1 26	19 49	20 54
21	Tu	9 56 59	27 49 15	12 14	5 38	2 29	23 49	20 55
22	W	10 0 55	28 47 51	11 54	19 5	3 27	26 27	20 56
23	Th	10 4 52	29 44 56	11 34	3 2	4 14	27 40	20 57
24	F	10 8 48	0 42 49	11 14	17 28	4 48	27 4	20 58
25	S	10 12 45	1 40 42	10 53	2 19	5 3	24 34	20 59
26	S	10 16 41	2 38 38	10 32	17 29	4 57	20 19	20 59
27	M	10 20 38	3 36 34	10 12	2 48	4 30	14 41	20 59
28	Tu	10 24 34	4 34 32	9 50	18 5	3 44	8 9	20 59
29	W	10 28 31	5 32 32	9 29	3 9	2 43	1 15	20 59
30	Th	10 32 27	6 30 34	9 8	17 51	1 32	5 35	20 59
31	F	10 36 24	7 28 37	8 46	2 6	0 17	11 57	20 59

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 38	23 N 45	1 S 5	1 N 25	1 S 45	20 N 21	8 15
4	0 40	23 36	1 29	0 3	1 3	20 37	8 5
7	0 43	22 27	1 50	1 S 17	0 6	20 36	7 56
10	0 45	23 15	2 14	2 37	0 N 23	20 15	7 46
13	0 48	23 2	2 40	3 54	1 0	19 30	7 37
16	0 49	22 47	3 7	5 9	1 19	18 20	7 27
19	0 51	22 31	3 34	6 22	1 39	16 49	7 18
22	0 53	22 13	4 5	7 30	1 44	15 0	7 8
25	0 54	21 54	4 32	8 35	1 45	12 58	6 59
28	0 56	21 34	5 2	9 35	1 48	10 46	6 49
31	0 58	21 12	5 32	10 30	1 32	8 29	6 40

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	25 43	0 8	10 51	23 55	19 51			*	□			♂ Δ
2	25 49	0 1	10 50	24 48	20 16	☿ * ♄	Δ				□	
3	25 55	29 54	11 29	25 39	21 22	♀ □ ♈			*			□
4	26 1	29 47	12 8	26 30	22 34	☉ ∠ ♄	□			*	*	
5	26 7	29 40	12 48	27 20	23 50		♈					*
6	26 13	29 33	13 28	28 10	25 11	☉ ∇ ♂				□		Δ
7	26 20	29 26	14 7	28 59	26 39	♀ ∇ ♈	*					
8	26 26	29 19	14 46	29 48	28 10			♈	Δ		♈	□
9	26 32	29 11	15 25	0 35	29 46					♈		
10	26 38	29 8	16 4	1 22	30 26	♀ * ♄		*				
11	26 41	28 56	16 43	2 7	3 10		♈	□				* ♂
12	26 50	28 48	17 22	2 53	4 51							
13	26 56	28 40	18 1	3 37	6 47				*	♈		
14	27 2	28 32	18 40	4 21	8 41	☉ □ ♈					*	
15	27 8	28 25	19 19	5 4	10 35		Δ	□		*		
16	27 14	28 18	19 58	5 46	12 32	☿ □ ♄					♈	
17	27 19	28 10	20 37	6 25	14 31	☿ * ♂					□	*
18	27 24	28 2	21 16	7 5	16 30	☉ P ♄	*		Δ	Δ		
19	27 29	28 54	21 54	7 44	18 30			♈				
20	27 34	28 46	22 33	8 21	20 30	♀ □ ♈	□	♈		□	Δ	□
21	27 39	28 38	23 12	8 56	22 30	☉ ♂ ♄						*
22	27 45	28 30	23 51	9 31	24 31							Δ
23	27 50	28 22	24 30	10 5	26 30	♀ ♂ ♄	Δ		♈	*		♈
24	27 55	28 14	25 9	10 37	28 31	♀ * ♈		Δ				□
25	28 0	28 6	25 47	11 8	30 30						♈	
26	28 5	28 58	25 11	11 37	2 27	☉ ♂ ♄		□				Δ
27	28 9	28 51	27 3	12 5	4 24		♈		Δ	♈		♈
28	28 14	28 43	27 42	12 31	6 20			*				
29	28 18	28 36	28 20	12 55	8 16	♈ ∇ ♂			□		Δ	
30	28 23	28 28	28 59	13 18	10 9	☉ P ♄						♈
31	28 27	28 20	29 37	13 39	12 2		Δ		*	*	□	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	53	0 8 21	17 N 40	1 8 13	22 N 15	1 8 15	13 8 53
4	15	54	0 21	17 40	1 13	22 15	1 15	14 0
7	15	54	0 21	17 39	1 14	22 15	1 15	14 13
10	15	55	0 21	17 39	1 14	22 15	1 15	14 20
13	15	56	0 21	17 38	1 14	22 15	1 14	14 27
16	15	56	0 21	17 37	1 14	22 15	1 14	14 33
19	15	57	0 21	17 36	1 14	22 14	1 14	14 38
22	15	58	0 21	17 35	1 14	22 14	1 14	14 43
25	15	59	0 22	17 34	1 14	22 14	1 13	14 48
28	16	0	0 22	17 33	1 14	22 14	1 13	14 52

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 40 20	8 ^m 26 43	8 N 25	15 8 53	0 N 56	17 N 30	20 8 52
2	S	10 44 17	9 24 50	8 3 29	13	2 4 22	1 20 35	20 15 52
3	M	10 48 14	10 22 59	7 41 12	11 9	3 4 25	18 20 32	20 22 52
4	Tu	10 52 10	11 21 10	7 19 24	45	3 53 27	14 20 51	20 29 51
5	W	10 56 7	12 19 23	6 57 7	5 4	4 30 27	46 20 51	20 36 51
6	Th	11 0 3	13 17 39	6 34 19	12	4 54 26	56 20 50	20 43 50
7	F	11 4 0	14 15 56	6 12 1	11	5 5 24	53 20 50	20 50 50
8	S	11 7 56	15 14 15	5 49 13	5	5 3 21	45 20 40	20 57 40
9	S	11 11 53	16 12 37	5 27 24	57	4 48 17	44 20 40	21 4 40
10	M	11 15 49	17 11 0	5 4 6	48	4 20 13	3 20 48	21 11 48
11	Tu	11 19 46	18 9 25	4 41 18	40	3 41 7	52 20 48	21 18 48
12	W	11 23 42	19 7 52	4 18 0	36	2 52 2	23 20 47	21 25 47
13	Th	11 27 39	20 6 21	3 55 12	36	1 55 3	13 20 46	21 32 46
14	F	11 31 36	21 4 51	3 32 24	43	0 52 8	47 20 45	21 39 45
15	S	11 35 32	22 3 24	3 9 6	59	0 8 15	14 20 44	21 46 44
16	S	11 39 29	23 1 57	2 46 19	26	1 21 18	55 20 43	21 53 43
17	M	11 43 25	24 0 33	2 23 2	9	2 26 22	59 20 42	22 0 42
18	Tu	11 47 22	24 59 10	2 0 15	11	3 24 26	1 20 41	22 7 41
19	W	11 51 18	25 57 49	1 36 28	34	4 13 27	40 20 40	22 14 40
20	Th	11 55 15	26 56 30	1 13 12	22	4 49 27	41 20 39	22 21 39
21	F	11 59 11	27 55 12	0 50 26	35	5 8 25	54 20 38	22 28 38
22	S	12 3 8	28 53 56	0 26 11	11	5 9 22	23 20 37	22 35 37
23	S	12 7 5	29 52 42	0 3 26	5	4 49 17	22 20 36	22 42 36
24	M	12 11 1	0 51 30	0 8 21	11	4 9 11	13 20 35	22 49 35
25	Tu	12 14 58	1 50 19	0 44 26	19	3 11 4	23 20 33	22 56 33
26	W	12 18 54	2 49 11	1 7 11	19	2 0 2	2 N 38	20 33
27	Th	12 22 51	3 48 4	1 31 26	2	0 43 9	24 20 30	23 0 30
28	F	12 26 47	4 47 0	1 54 10	23	0 N 36	15 20 29	23 7 29
29	S	12 30 44	5 45 58	2 18 24	18	1 50 20	38 20 27	23 14 27
30	S	12 34 40	6 44 58	2 41 7	45	2 55 24	30 20 25	23 21 25

1855.]

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 58	21 N 5	5 S 42	10 S 46	1 N 28	7 N 42	6 36
4	1 0	20 41	6 12	11 32	1 14	5 22	6 27
7	1 2	20 16	6 41	12 9	0 58	3 1	6 17
10	1 3	19 51	7 7	12 38	0 40	0 42	6 8
13	1 5	19 24	7 33	12 56	0 18	1 S 35	5 58
16	1 6	18 56	7 54	13 3	0 S 4	3 48	5 49
19	1 8	18 27	8 12	12 57	0 26	5 57	5 39
22	1 10	17 57	8 23	12 38	0 49	8 1	5 30
25	1 12	17 27	8 27	12 6	1 11	10 0	5 20
28	1 14	16 55	8 24	11 21	1 34	11 52	5 11

D M	♄	♅	♆	♇	♈	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♁	♂	♀	♄	♅
	° /	° /	° /	° /	° /							
1	28 11 31	26 12	0 15	13 58	13 53		♂				Δ	
2	28 35 26	R 5	0 53	14 16	15 43				□	*		
3	28 39 25	57	1 31	14 31	17 33		□		♂	Δ	Δ	□
4	28 43 25	50	2 9	14 45	19 21				♂	Δ		
5	28 47 25	43	2 47	14 57	21 7	♀ Δ ♁	*					
6	28 51 25	36	3 25	15 6	22 53		*				□	*
7	28 55 25	28	4 3	15 13	24 37					♂		
8	28 59 25	21	4 41	15 18	26 20	☉ ∇ ♀					*	
9	29 3 25	14	5 19	15 21	28 3		□	*	♂			
10	29 6 25	8	5 57	15 R 21	29 43	♀ □ ♄						
11	29 9 25	1	6 34	15 18	1 23		♂	Δ				
12	29 12 24	54	7 11	15 15	3 2				□			♂
13	29 15 24	48	7 48	15 10	4 39						*	♂
14	29 18 24	41	8 26	15 1	6 15	☉ Δ ♁			Δ	Δ		
15	29 21 24	35	9 3	14 50	7 51						□	
16	29 24 24	29	9 40	14 30	9 26	♀ * ♂	*	♂		□		
17	29 27 24	23	10 18	14 20	11 0							
18	29 30 24	17	10 55	14 1	12 32						Δ	*
19	29 32 24	12	11 32	13 41	14 3	♀ ♂ ♀	□		♂	*		*
20	29 35 24	6	12 10	13 19	15 34						□	□
21	29 37 24	1	12 47	12 54	17 3	♀ * ♂	Δ	Δ				
22	29 40 23	56	13 24	12 26	18 31						♂	Δ
23	29 42 23	51	14 1	11 57	19 59	☉ □ ♄		□	Δ	♂		Δ
24	29 44 23	46	14 38	11 27	21 25							
25	29 46 23	41	15 15	10 54	22 51		♂	*	□			
26	29 48 23	36	15 52	10 21	24 15	♄ Δ ♀					Δ	♂
27	29 49 23	32	16 28	9 47	25 37				*	*		♂
28	29 51 23	28	17 4	9 12	26 58							
29	29 52 23	24	17 41	8 36	28 18	☉ □ ♁		♂		□	□	
30	29 54 23	21	18 18	7 59	29 40	♄ Δ ♀	Δ					Δ

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 S 22	17 N 32	1 S 15	22 N 14	1 S 13	14 S 56
4	16	2	0 22	17 31	1 15	22 14	1 12	14 50
7	16	3	0 22	17 29	1 15	22 14	1 11	15 1
10	16	4	0 22	17 28	1 15	22 14	1 11	15 3
13	16	5	0 22	17 26	1 15	22 13	1 11	15 4
16	16	5	0 22	17 24	1 16	22 13	1 11	15 4
19	16	6	0 22	17 23	1 16	22 13	1 11	15 4
22	16	7	0 22	17 21	1 16	22 13	1 10	15 5
25	16	8	0 22	17 19	1 16	22 13	1 10	15 5
28	16	9	0 22	17 17	1 16	22 13	1 10	15 5
31	16	9	0 22	17 15	1 16	22 13	1 9	14 58

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	M	12 38 37	7 44 0	3 S 4	20 11 47	3 N 49	26 N 57	20 23
2	Tu	12 42 34	8 43 4	3 28	3 26	4 31	27 56	20 23
3	W	12 46 30	9 42 11	3 51	15 47	4 59	27 28	20 23
4	Th	12 50 27	10 41 20	4 14	27 55	5 13	25 42	20 18
5	F	12 54 23	11 40 32	4 37	9 52	5 13	22 48	20 18
6	S	12 58 20	12 39 46	5 0	21 45	5 0	18 59	20 18
7	S	13 2 16	13 39 2	5 23	3 35	4 33	14 26	20 18
8	M	13 6 13	14 38 20	5 46	15 28	3 55	9 21	20 18
9	Tu	13 10 9	15 37 41	6 9	27 24	3 7	3 53	20 18
10	W	13 14 6	16 37 4	6 32	9 27	2 10	1 S 46	20 18
11	Th	13 18 3	17 36 28	6 55	21 38	1 6	7 25	20 18
12	F	13 21 59	18 35 55	7 18	3 59	0 S 2	12 53	20 18
13	S	13 25 56	19 35 24	7 40	16 30	1 10	17 55	20 18
14	S	13 29 52	20 34 55	8 3	29 14	2 17	22 14	19 58
15	M	13 33 49	21 34 27	8 25	12 11	3 17	25 32	19 58
16	Tu	13 37 45	22 34 1	8 47	25 23	4 9	27 31	19 58
17	W	13 41 42	23 33 38	9 9	8 51	4 48	27 57	19 58
18	Th	13 45 38	24 33 15	9 31	22 36	5 11	26 40	19 58
19	F	13 49 35	25 32 55	9 53	6 38	5 17	23 44	19 58
20	S	13 53 32	26 32 36	10 15	20 57	5 3	19 15	19 58
21	S	13 57 28	27 32 19	10 36	5 29	4 30	13 41	19 58
22	M	14 1 25	28 32 4	10 58	20 9	3 39	7 15	19 58
23	Tu	14 5 21	29 31 50	11 19	4 53	2 33	0 24	19 58
24	W	14 9 18	0 31 39	11 40	19 34	1 18	6 N 26	19 58
25	Th	14 13 14	1 31 29	12 1	4 4	0 N 2	12 55	19 58
26	F	14 17 11	2 31 21	12 22	18 18	1 20	18 35	19 58
27	S	14 21 7	3 31 15	12 42	2 11	2 32	23 6	19 58
28	S	14 25 4	4 31 11	13 2	15 41	3 33	26 13	19 58
29	M	14 29 1	5 31 10	13 22	28 47	4 20	27 48	19 58
30	Tu	14 32 57	6 31 10	13 42	11 31	4 54	27 50	19 58
31	W	14 36 54	7 31 12	14 2	23 56	5 13	28 28	19 58

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	1 N 16	16 N 23	8 S 11	10 S 26	1 S 52	13 S 37	5 8 1
4	1 18	15 50	7 51	9 24	2 15	15 14	4 51
7	1 19	15 17	7 24	8 18	2 33	16 42	4 42
10	1 20	14 42	6 50	7 11	2 49	17 59	4 32
13	1 22	14 8	6 13	6 7	3 1	19 4	4 22
16	1 25	13 33	5 31	5 9	3 2	19 53	4 12
19	1 27	12 57	4 49	4 17	3 8	20 23	4 2
22	1 28	12 21	4 4	3 35	3 2	20 30	3 54
25	1 30	11 45	3 26	3 1	2 43	20 6	3 46
28	1 32	11 9	2 46	2 37	2 5	19 7	3 36
31	1 34	10 32	2 8	2 23	1 21	17 28	3 26

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☽	♈	♉	♊	♋
	° ' "	° ' "	° ' "	° ' "	° ' "							
1	29 56	23 17	18 55	7 21	0 57	☉♈♊				Δ	*	
2	29 57	23 13	19 31	6 45	2 14	☉♈♊	☐	*	♈			☐
3	29 59	23 10	20 7	6 8	3 30	☐♈♊		*				
4	29 59	23 7	20 43	5 32	4 45	☐♈♊		*				
5	0 0	23 4	21 19	4 57	5 58		*					*
6	0 1	23 1	21 55	4 22	7 9		☐		♈	♈		
7	0 1	22 59	22 32	3 48	8 17			*	♈	♈		
8	0 2	22 56	23 8	3 16	9 24	♈♈♈		Δ	*			
9	0 2	22 54	23 44	2 46	10 29			☐				♈
10	0 3	22 52	24 21	2 18	11 32							
11	0 3	22 51	24 57	1 52	12 32		♈		Δ	*		
12	0 3	22 50	25 33	1 27	13 29			♈	Δ			
13	0 4	22 49	26 9	1 4	14 23			♈		☐		*
14	0 4	22 46	26 45	0 43	15 14	♈♈♈					☐	*
15	0 4	22 47	27 20	0 26	16 2							
16	0 3	22 46	27 55	0 11	16 45	☉♈♊	*		♈	*	Δ	☐
17	0 3	22 46	28 31	29 57	17 25	♈☐♈						
18	0 2	22 45	29 6	29 47	17 59		☐	Δ				
19	0 1	22 45	29 41	29 39	18 28							Δ
20	0 0	22 45	30 16	29 33	18 52	♈♈♈	Δ	☐		♈		
21	29 59	22 46	0 51	29 30	19 9			*	Δ		♈	
22	29 58	22 46	1 26	29 28	19 18			*				
23	29 57	22 47	2 1	29 30	19 21	☉♈♈			☐	*		♈
24	29 56	22 47	2 36	29 34	19 14					*		
25	29 54	22 48	3 11	29 40	19 0		♈		*		Δ	
26	29 53	22 49	3 46	29 48	18 37			♈		☐		
27	29 51	22 50	4 21	29 58	18 10						☐	Δ
28	29 49	22 52	4 56	0 10	17 35							
29	29 47	22 54	5 30	0 26	16 34	☉♈♈			♈	Δ	*	☐
30	29 45	22 57	6 4	0 43	15 31		Δ	*				
31	29 43	23 0	6 38	1 2	14 25	☐♈♈	*					

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	9	0 8 22	17 N 14	1 8 16	22 N 13	1 8 9	14 S 57
4	16	9	0 22	17 12	1 16	22 13	1 8	14 53
7	16	10	0 22	17 10	1 16	22 13	1 8	14 49
10	16	11	0 22	17 8	1 16	22 12	1 7	14 45
13	16	12	0 22	17 6	1 16	22 12	1 6	14 41
16	16	12	0 22	17 4	1 16	22 12	1 6	14 37
19	16	13	0 22	17 2	1 16	22 12	1 5	14 33
22	16	13	0 22	17 0	1 16	22 12	1 5	14 29
25	16	14	0 22	16 58	1 16	22 12	1 5	14 25
28	16	14	0 22	16 56	1 16	22 12	1 4	14 21

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♀ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	14 40 50	8 m 31 17	14 8 21	6 Ω 6	5 N 17	23 N 53	19 8 16
2	F	14 44 47	9 31 24	14 41 18	4 5 7	20 18	19 8 14	19 8 14
3	S	14 48 43	10 31 33	15 0 29	57 4 45	15 56	19 11 18	19 8 14
4	S	14 52 40	11 31 44	15 18 11	m 48 4	10 10	59 19	19 8 14
5	M	14 56 36	12 31 57	15 37 23	41 3 24	5 38	19 19 8	19 8 14
6	Tu	15 0 33	13 32 12	15 55 5	42 2 29	0 1	19 4	19 8 14
7	W	15 4 30	14 32 29	16 13 17	52 1 27	5 8	41 19	19 8 14
8	Th	15 8 26	15 32 48	16 31 0	m 15 0	19 11	16 18	19 8 14
9	F	15 12 23	16 33 8	16 48 12	52 0 8	50 16	31 18	19 8 14
10	S	15 16 19	17 33 31	17 5 25	44 1 59	21 8	18 55	19 8 14
11	S	15 20 16	18 33 55	17 22 8	f 51 3	2 24	47 18	19 8 14
12	M	15 24 12	19 34 20	17 38 22	11 3 57	27 10	18 50	19 8 14
13	Tu	15 28 9	20 34 47	17 55 5	w 45 4	39 27	59 18	19 8 14
14	W	15 32 5	21 35 16	18 11 19	30 5 6	27 5	18 45	19 8 14
15	Th	15 36 2	22 35 45	18 26 3	m 25 5	15 24	31 18	19 8 14
16	F	15 39 59	23 36 17	18 41 17	27 5 6	20 28	18 40	19 8 14
17	S	15 43 55	24 36 49	18 56 1	x 36 4	38 15	14 18	19 8 14
18	S	15 47 52	25 37 23	19 11 15	50 3 54	9 11	18 35	19 8 14
19	M	15 51 48	26 37 57	19 25 0	r 6 2	54 2	38 18	19 8 14
20	Tu	15 55 45	27 38 33	19 39 14	21 1 44	4 N	18 30	19 8 14
21	W	15 59 41	28 39 10	19 53 28	33 0 28	10 32	18 27	19 8 14
22	Th	16 3 38	29 39 49	20 6 12	x 37 0	N 49	16 25	18 25
23	F	16 7 34	0 f 40	29 20 19	26 31 2	2 21	22 18	18 25
24	S	16 11 31	1 41 10	20 31 10	π 10 3	7 25	4 18	18 25
25	S	16 15 28	2 41 52	20 43 23	31 4 0	27 18	18 18	18 25
26	M	16 19 24	3 42 36	20 55 6	25 34 4	39 27	56 18	18 25
27	Tu	16 23 21	4 43 21	21 6 19	18 5 3	27 4	18 14	18 25
28	W	16 27 17	5 44 8	21 17 1	2 44 5	12 24	51 18	18 25
29	Th	16 31 14	6 44 56	21 27 13	55 5 6	21 33	18 9	18 25
30	F	16 35 10	7 45 46	21 37 25	55 4 48	17 24	18 6	18 25

1855.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

23

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 35	10 N 20	1 S 58	2 S 20	1 S 2	16 S 48	3 22
4	1 36	9 43	1 21	2 18	0 0	14 37	3 12
7	1 38	9 7	0 49	2 23	0 N 58	12 36	3 3
10	1 40	8 30	0 19	2 37	1 43	11 11	2 58
13	1 42	7 53	0 N 7	2 57	2 11	10 38	2 43
16	1 44	7 16	0 35	3 24	2 24	10 51	2 34
19	1 46	6 40	0 55	3 56	2 24	11 38	2 24
22	1 48	6 4	1 16	4 33	2 16	12 48	2 15
25	1 50	5 28	1 34	5 14	2 1	14 11	2 5
28	1 52	4 52	1 51	5 59	1 43	15 38	1 56

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	29 41	23 2	7 13	1 23	13 12		☐						*	☐
2	29 39	23 4	7 47	1 46	11 55	☉ P ♄	☐			♊				☐
3	29 37	23 7	8 21	2 11	10 36	☉ ☽ ♀				*			♈	*
4	29 35	23 10	8 56	2 37	9 18	♀ * ♂	*						♈	*
5	29 33	23 13	9 30	3 5	8 4		Δ	☐						
6	29 31	23 17	10 4	3 35	6 54								♈	
7	29 28	23 21	10 38	4 6	5 52	☉ ☐ ♈					Δ			♈
8	29 25	23 25	11 12	4 38	5 1		☽	♊		Δ			*	♈
9	29 22	23 29	11 46	5 11	4 19	♀ ♄ ♀	♈	♊				*		
10	29 19	23 33	12 19	5 46	3 48					☐				
11	29 16	23 37	12 52	6 24	3 29	☉ ♀ ♈						☐	*	
12	29 13	23 42	13 25	7 3	3 23							*		*
13	29 9	23 47	13 58	7 42	3 27					♊			☐	*
14	29 6	23 52	14 31	8 23	3 42		*	Δ				Δ		
15	29 3	23 57	15 4	9 5	4 7	♄ ☐ ♀							Δ	☐
16	28 59	24 2	15 38	9 48	4 40	☉ ☐ ♄	☐	☐			♈			
17	28 56	24 8	16 11	10 32	5 22					Δ				Δ
18	28 52	24 14	16 44	11 17	6 11			*				♊		
19	28 48	24 20	17 17	12 3	7 5		Δ		☐				♊	
20	28 44	24 26	17 50	12 50	8 6								♊	
21	28 40	24 32	18 22	13 38	9 11	☐ Δ ♀				*	*			
22	28 36	24 38	18 54	14 28	10 21			♈		*	*	Δ		♈
23	28 32	24 44	19 26	15 17	11 33		♈				☐			
24	28 28	24 51	19 58	16 8	12 49	☐ ☐ ♀							Δ	
25	28 24	24 58	20 30	16 59	14 7					♈	Δ	☐		
26	28 19	25 5	21 17	17 51	15 29									
27	28 14	25 12	21 34	18 44	16 51			*				*	☐	Δ
28	28 10	25 20	22 5	19 38	18 15	☐ ☐ ♀	Δ							
29	28 6	25 27	22 37	20 32	19 41			☐						
30	28 2	25 35	23 8	21 27	21 8	☉ ♄ ♀			*	♊		*	☐	

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
			°	'	°	'	°	'
1	16	16	0 S 22	16 N 55	1 S 16	22 N 12	1 S 4	13 S 59
4	16	16	0 22	16 53	1 16	22 12	1 4	13 50
7	16	17	0 22	16 51	1 16	22 12	1 3	13 41
10	16	17	0 22	16 49	1 16	22 12	1 3	13 31
13	16	17	0 22	16 48	1 15	22 12	1 2	13 21
16	16	18	0 22	16 46	1 15	22 12	1 2	13 11
19	16	18	0 22	16 45	1 15	22 12	1 2	13 0
22	16	18	0 22	16 43	1 14	22 12	1 2	12 49
25	16	18	0 22	16 42	1 14	22 11	1 2	12 37
28	16	18	0 22	16 41	1 13	22 11	1 1	12 25
31	16	18	0 21	16 40	1 13	22 11	1 1	12 13

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♅ Long.
		H. M. S.	°	'	°	'	°	'
1	S	16 39 7	8 46 37	21 S 47	7 m 48	4 N 17	12 N 37	18 x 4
2	S	16 43 3	9 47 29	21 56	19 38	3 35	7 24	18 R 1
3	M	16 47 0	10 48 23	22 5	1 31	2 44	1 54	17 59
4	Tu	16 50 57	11 49 18	22 13	13 33	1 45	3 S 44	17 59
5	W	16 54 53	12 50 15	22 21	25 47	0 40	9 21	17 55
6	Th	16 58 50	13 51 12	22 29	8 m 17	0 S 28	14 43	17 53
7	F	17 2 46	14 52 11	22 36	21 7	1 36	19 36	17 51
8	S	17 6 43	15 53 11	22 43	4 17	2 40	23 39	17 49
9	S	17 10 39	16 54 12	22 49	17 48	3 38	26 31	17 47
10	M	17 14 36	17 55 13	22 55	1 w 37	4 23	27 50	17 45
11	Tu	17 18 32	18 56 15	23 0	15 39	4 54	27 24	17 43
12	W	17 22 29	19 57 18	23 5	29 52	5 7	25 12	17 41
13	Th	17 26 26	20 58 22	23 9	14 30	5 1	22 24	17 39
14	F	17 30 22	21 59 26	23 13	28 26	4 37	16 21	17 37
15	S	17 34 19	23 0 30	23 17	12 x 39	3 55	10 26	17 35
16	S	17 38 15	24 1 35	23 20	26 47	2 59	4 1	17 33
17	M	17 42 12	25 2 40	23 22	10 r 48	1 53	2 N 32	17 31
18	Tu	17 46 8	26 3 45	23 24	24 41	0 41	8 56	17 29
19	W	17 50 5	27 4 51	23 26	8 x 26	0 N 32	14 50	17 27
20	Th	17 54 2	28 5 57	23 27	22 2	1 43	19 57	17 25
21	F	17 57 58	29 7 3	23 27	5 30	2 47	23 59	17 23
22	S	18 1 55	0 w 8 10	23 28	18 46	3 41	26 40	17 21
23	S	18 5 51	1 9 17	23 27	1 50	4 23	27 50	17 20
24	M	18 9 48	2 10 24	23 27	14 40	4 50	27 27	17 18
25	Tu	18 13 44	3 11 31	23 25	27 16	5 2	25 40	17 17
26	W	18 17 41	4 12 39	23 24	9 38	5 0	22 40	17 15
27	Th	18 21 37	5 13 47	23 21	21 47	4 44	18 44	17 14
28	F	18 25 34	6 14 56	23 19	3 m 45	4 16	14 7	17 12
29	S	18 29 31	7 16 5	23 16	15 36	3 37	9 1	17 11
30	S	18 33 27	8 17 15	23 12	27 25	2 49	3 36	17 10
31	M	18 37 24	9 18 24	23 8	9 17	1 53	1 S 57	17 9

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	1 N 54	4 N 17	2 N 4	6 S 48	1 N 23	17 S 7	1 8 47
4	1 56	3 42	2 17	7 39	1 2	18 32	1 38
7	1 58	3 7	2 28	8 32	0 40	19 52	1 28
10	2 0	2 34	2 36	9 26	0 8	21 4	1 19
13	2 2	2 0	2 43	10 22	0 8 3	22 9	1 9
16	2 4	1 28	2 49	11 18	0 23	23 4	0 59
19	2 6	0 56	2 53	12 15	0 44	23 49	0 50
22	2 9	0 25	2 55	13 11	1 11	24 23	0 40
25	2 12	0 S 6	2 57	14 6	1 17	24 46	0 31
28	2 14	0 35	2 57	15 0	1 34	24 56	0 21
31	2 16	1 4	2 55	15 52	1 43	24 54	0 11

D M	♈		♉		♊		♋		♌		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	☉	☿	♈	♉		♊	♋	♌	♍		
1	27	58	25	43	23	39	22	21	22	35	♀ ∨ ☿	☐					
2	27	54	25	51	24	10	23	17	24	4	☿ * ♂	Δ			♈		*
3	27	50	25	59	24	41	24	14	25	33	☿ ☐ ♄		☐				
4	27	45	26	8	25	11	25	12	27	3	♀ ∨ ♂	*					
5	27	40	26	16	25	41	26	10	28	33	♀ Δ ♄			Δ	Δ		♈
6	27	35	26	24	26	11	27	9	0	4	♀ Δ ♈						
7	27	30	26	33	26	41	28	7	1	35			♈		☐	*	
8	27	25	26	42	27	12	29	6	3	6	♈ ☐ ♂						♈
9	27	20	26	51	27	42	0	6	4	38		♈		♈			
10	27	15	27	0	28	12	1	7	6	11				♈	*	☐	*
11	27	10	27	9	28	42	2	7	7	43	♄ Δ ♈		Δ				
12	27	5	27	19	29	12	3	8	9	14						Δ	☐
13	27	0	27	29	29	41	4	9	10	46			☐				*
14	26	55	27	38	0	10	5	11	12	19		*		Δ	♈		
15	26	50	27	47	0	39	6	13	13	52		*	*			Δ	☐
16	26	45	27	57	1	8	7	16	15	25		☐		☐		♈	
17	26	40	28	7	1	37	8	19	16	58							Δ
18	26	35	28	17	2	5	9	22	18	31	☉ ♂ ♈	Δ		*	*		
19	26	31	28	27	2	33	10	26	20	4	☿ ☐ ♂						♈
20	26	26	28	37	3	11	11	30	21	38	♀ ☐ ♈		♈		☐		
21	26	21	28	47	3	29	12	34	23	12	☉ * ♄					Δ	
22	26	16	28	58	3	57	13	39	24	46	♀ ☐ ♄						
23	26	11	29	9	4	25	14	44	26	20	♈ ♂ ☿	♈		♈	Δ	☐	♈
24	26	6	29	20	4	51	15	49	27	54	☉ ☐ ♈		*				Δ
25	26	1	29	31	5	18	16	54	29	28	☿ * ♄						
26	25	57	29	42	5	45	18	0	1	4						*	
27	25	52	29	53	6	12	19	6	2	39				☐	*		☐
28	25	47	0	4	6	38	20	13	4	14			Δ			♈	Δ
29	25	42	0	15	7	42	1	19	5	50	☉ ☐ ♂		Δ				
30	25	37	0	27	7	30	22	26	7	26	♀ ∨ ♂			☐			*
31	25	32	0	39	7	55	23	33	9	2	☉ ♂ ☿	☐				♈	☐

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
0	0	0	0	10	24	28	13	14	0	1	51	37	0	11	19	17	23
0	3	40	1	11	25	28	46	14	1	55	27	1	12	20	18	11	6
0	7	20	2	12	26	29	25	15	1	59	17	2	13	21	18	51	7
0	11	0	3	13	27	0	14	16	2	3	8	3	14	21	19	30	8
0	14	41	4	14	28	0	49	17	2	6	59	4	15	22	20	9	8
0	18	21	5	15	29	1	25	17	2	10	51	5	16	23	20	48	9
0	22	2	6	16	29	2	7	18	2	14	44	6	16	24	21	37	10
0	25	43	7	17	30	2	42	19	2	18	37	7	17	24	22	8	11
0	29	23	8	18	1	3	26	19	2	22	31	8	18	25	23	47	11
0	33	4	9	19	2	4	4	20	2	26	25	9	19	26	23	28	12
0	36	45	10	20	3	4	41	21	2	30	20	10	20	27	24	8	13
0	40	26	11	21	4	5	19	22	2	34	16	11	21	27	24	48	13
0	44	8	12	22	4	5	58	22	2	38	13	12	22	28	26	28	14
0	47	50	13	24	5	6	36	23	2	42	10	13	23	29	26	8	15
0	51	32	14	25	6	7	14	24	2	46	8	14	24	30	26	48	15
0	55	14	15	26	7	7	53	24	2	50	7	15	25	0	27	20	16
0	58	5	16	27	8	8	32	25	2	54	7	16	26	1	28	10	17
1	2	40	17	28	8	9	10	26	2	58	7	17	27	2	28	51	18
1	6	23	18	29	9	9	47	26	2	3	8	18	28	3	29	32	19
1	10	7	19	30	10	10	25	27	2	6	9	19	29	4	30	13	20
1	13	51	20	1	11	11	5	28	2	10	12	20	30	5	0	54	20
1	17	35	21	2	12	11	43	29	2	14	15	21	0	6	1	36	21
1	21	20	22	3	12	12	23	29	2	18	19	22	1	6	2	17	22
1	25	6	23	4	13	13	0	30	2	22	23	23	2	7	2	59	23
1	28	52	24	5	14	13	30	1	23	26	20	24	3	8	3	41	24
1	32	38	25	6	15	14	18	2	24	30	35	25	4	8	4	23	25
1	36	25	26	7	16	14	56	2	25	34	41	26	5	9	5	5	26
1	40	13	27	8	16	15	35	3	26	38	49	27	6	10	5	47	27
1	44	0	28	9	17	16	14	4	26	42	57	28	7	11	6	30	28
1	47	48	29	10	18	16	53	4	27	46	6	29	8	12	7	12	29
1	51	37	30	11	19	17	32	5	28	51	15	30	9	13	7	54	30

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
3	51	15	0	9	12	7	54	28	6	0	0	0	7	7	0	0	28
3	55	25	1	10	13	8	37	29	6	4	23	1	8	8	0	45	29
3	59	36	2	11	14	9	20	30	6	8	43	2	9	9	1	30	30
4	3	48	3	12	15	10	3	1	6	13	5	3	10	9	2	15	31
4	8	0	4	13	16	10	47	1	6	17	26	4	11	10	3	0	32
4	12	13	5	14	16	11	30	2	6	21	48	5	11	11	3	45	33
4	16	36	6	15	17	12	13	3	6	26	9	6	12	12	4	30	34
4	20	40	7	15	18	13	56	4	6	30	30	7	13	13	5	15	35
4	24	55	8	16	19	13	40	5	6	34	51	8	14	13	6	0	36
4	29	10	9	17	20	14	24	6	6	39	11	9	15	14	6	44	1
4	33	26	10	18	20	15	8	6	6	43	31	10	16	15	7	29	2
4	37	42	11	19	21	15	52	7	6	47	51	11	17	16	8	14	3
4	41	59	12	20	22	16	36	8	6	52	11	12	18	17	8	59	4
4	46	16	13	21	23	17	19	9	6	56	31	13	19	18	9	43	5
4	50	34	14	22	24	18	4	10	7	0	50	14	20	18	10	27	6
4	54	52	15	23	25	18	49	11	7	5	8	15	21	19	11	11	7
4	59	10	16	24	25	19	33	12	7	9	26	16	22	20	11	56	8
5	3	29	17	25	26	20	17	13	7	13	44	17	23	21	12	40	9
5	7	49	18	26	27	21	1	14	7	18	1	18	24	22	13	24	10
5	12	9	19	27	28	21	46	14	7	22	18	19	25	23	14	8	11
5	16	29	20	27	28	22	31	15	7	26	34	20	25	23	14	52	12
5	20	49	21	28	29	23	16	16	7	30	50	21	26	24	15	36	13
5	25	9	22	29	29	24	0	17	7	35	5	22	27	25	16	20	14
5	29	30	23	30	1	24	45	17	7	39	20	23	28	26	17	4	15
5	33	51	24	1	2	25	30	18	7	43	34	24	29	27	17	47	16
5	38	12	25	2	3	26	15	19	7	47	47	25	29	28	18	30	17
5	42	34	26	3	3	27	0	20	7	52	0	26	1	29	19	13	18
5	46	55	27	4	4	27	45	20	7	56	13	27	2	30	19	57	19
5	51	17	28	5	5	28	30	21	8	0	24	28	3	31	20	40	20
5	55	38	29	6	6	29	15	22	8	4	35	29	4	1	21	23	21
6	0	0	30	7	7	30	0	23	8	8	45	30	5	2	22	6	22

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''		
8	8	45	0	5	2	23	46	18	21	10	8	23	0	2	25	12	28	11	20
8	12	54	1	6	2	22	48	19	22	10	12	12	1	3	26	13	46	12	21
8	17	3	2	7	3	23	30	19	23	10	16	0	2	3	26	13	47	13	21
8	21	11	3	8	4	24	13	20	24	10	19	48	3	4	27	14	25	14	22
8	25	19	4	9	5	24	55	21	25	10	23	35	4	5	28	15	4	14	23
8	29	26	5	10	6	25	37	22	26	10	27	22	5	6	29	16	42	15	24
8	33	31	6	10	6	26	19	22	27	10	31	8	6	7	29	16	21	16	25
8	37	37	7	11	7	27	1	23	28	10	34	54	7	8	m	17	0	17	26
8	41	41	8	12	8	27	43	24	28	10	38	40	8	9	1	17	39	18	27
8	45	45	9	13	9	28	24	25	29	10	42	25	9	10	2	18	17	19	28
8	49	48	10	14	9	29	6	26	30	10	46	9	10	10	2	18	55	19	29
8	53	51	11	15	10	29	47	26	1	10	49	53	11	11	3	19	34	20	30
8	57	53	12	16	11	Om	28	27	2	10	53	37	12	12	4	20	13	21	1
9	1	53	13	17	12	1	9	28	3	10	57	20	13	13	4	20	51	22	2
9	5	53	14	18	13	1	50	29	4	11	1	3	14	14	5	21	30	23	4
9	9	53	15	18	13	2	31	29	5	11	4	46	15	15	6	22	8	24	5
9	13	52	16	19	14	3	12	f	6	11	8	28	16	16	6	22	46	24	6
9	17	50	17	20	15	3	52	1	7	11	12	10	17	17	7	23	24	25	7
9	21	47	18	21	16	4	32	2	8	11	15	23	18	17	8	24	2	26	8
9	25	44	19	22	17	5	12	3	9	11	19	34	19	18	9	24	40	27	9
9	29	40	20	23	17	5	53	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6	32	4	11	11	26	56	21	20	10	25	59	29	11
9	37	29	22	25	19	7	13	5	12	11	30	37	22	20	11	26	38	29	12
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15	30	13
9	45	16	24	27	21	8	33	7	14	11	37	58	24	22	12	27	53	0	14
9	49	9	25	28	21	9	12	8	15	11	41	39	25	23	13	28	32	1	15
9	53	1	26	28	22	9	51	8	16	11	45	19	26	24	13	29	11	2	16
9	56	53	27	29	23	10	30	9	17	11	49	0	27	25	14	30	53	3	17
10	0	48	28	30	24	11	9	10	18	11	53	49	28	25	15	0	35	4	18
10	4	33	29	1	24	11	49	10	19	11	56	20	29	26	16	1	11	5	19
10	8	23	30	2	25	12	28	11	20	12	0	0	30	27	16	1	47	6	20

Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3	Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3		
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''		
12	0	0	0	27	16	1	47	6	21	12	51	37	0	21	8	23	4	7	27
12	8	40	1	28	17	2	33	7	22	12	55	27	1	22	9	23	53	9	29
12	7	20	2	29	18	3	11	8	23	12	59	17	2	23	9	24	43	10	30
12	11	0	3	30	19	3	49	9	24	14	3	8	3	24	10	25	31	11	1
12	14	41	4	0	19	4	28	10	25	14	6	59	4	25	11	26	21	13	3
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13	14	4
12	22	2	6	2	20	5	47	11	26	14	14	44	6	26	13	28	5	16	6
12	25	42	7	3	21	6	27	12	27	14	18	37	7	27	13	28	58	17	7
12	29	23	8	3	22	7	6	12	28	14	22	31	8	28	14	29	51	19	8
12	33	4	9	4	23	7	46	14	1	14	26	25	9	29	15	Over	20	9	
12	36	45	10	5	23	8	26	15	2	14	30	20	10	30	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	46	17	5	14	38	13	12	1	17	3	32	24	13
12	47	50	13	8	26	10	29	18	6	14	42	10	13	2	18	4	30	26	15
12	51	32	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28	29	18
12	59	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	26	30	19
12	3	40	17	11	28	13	17	22	10	14	58	7	17	6	22	8	30	2	20
12	6	23	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
12	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	38	6	23
12	13	51	20	13	31	15	27	25	14	15	10	12	20	8	24	11	44	8	24
12	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	53	9	25
12	21	20	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0	11	27
12	25	6	23	16	3	17	38	29	18	15	22	23	23	11	27	15	10	13	28
12	28	53	24	16	3	18	25	30	19	15	26	29	24	12	28	16	21	15	29
12	33	33	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37	17	30
12	36	25	26	18	5	19	57	2	22	15	34	41	26	14	30	18	53	19	31
12	40	13	27	19	6	20	48	3	23	15	38	49	27	15	1	20	10	20	32
12	44	0	28	20	6	21	39	4	24	15	42	57	28	15	2	21	28	22	33
12	47	49	29	21	7	22	18	5	25	15	46	6	29	16	3	22	50	24	34
12	51	27	30	22	8	23	9	6	26	15	50	15	30	17	4	23	18	26	35

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen W	2	3	Right Asc. of Meridian.			10	11	12	Ascen T	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
15	51	15	0	17	4	24	13	26	7	18	0	0	0	17	10	0	0	30	13
15	55	25	1	18	5	25	39	28	8	18	4	22	1	18	11	2	53	21	14
15	59	38	2	19	6	27	9	29	10	18	8	43	2	19	13	5	46	23	15
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	35	25	16
16	8	0	4	21	8	0	11	2	12	18	17	26	4	21	16	11	23	26	17
16	12	13	5	22	9	1	48	4	13	18	21	46	5	23	18	14	9	27	19
16	16	26	6	23	10	3	28	6	14	18	26	9	6	24	20	16	56	29	19
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	11	20
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16	1	21
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51	2	22
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24	4	23
16	37	42	11	28	15	12	31	17	21	18	47	51	11	29	28	29	63	5	24
16	41	59	12	29	16	14	30	19	23	18	53	11	12	1	29	2	19	7	25
16	46	16	13	30	17	16	31	21	24	18	58	31	13	2	3	4	40	8	26
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	3	6	59	9	27
16	54	53	15	2	20	20	40	25	26	19	5	8	15	4	4	9	11	10	28
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21	11	29
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29	12	30
17	7	40	18	5	23	27	41	3	29	19	18	1	18	8	10	15	30	14	1
17	12	9	19	6	25	0	7	3	30	19	23	18	19	9	12	17	29	15	2
17	16	29	20	7	26	2	36	3	3	19	26	34	20	10	14	19	24	16	3
17	20	40	21	8	27	5	9	5	3	19	30	50	21	12	16	21	16	16	4
17	25	9	22	9	29	7	44	7	4	19	35	5	22	13	18	23	5	18	5
17	29	30	23	10	30	10	23	8	5	19	39	20	23	14	20	24	51	19	6
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	23	26	32	20	7
17	38	13	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12	21	8
17	43	34	26	13	4	18	37	14	8	19	52	0	26	18	26	29	49	22	9
17	46	55	27	14	5	21	25	15	9	19	56	12	27	19	28	1	11	23	10
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	7	2	51	25	11
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	1	4	31	26	12
18	0	0	30	17	10	30	0	20	12	20	8	45	30	23	3	5	47	26	13

Right Asc. of Meridian.			10	11	12	Ascen II	2	3	Right Asc. of Meridian.			10	11	12	Ascen II	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
20	8	45	0	23	3	5	47	26	13	23	8	23	0	3	23	6	56	23	9
20	12	54	1	24	5	7	10	28	14	23	12	12	1	4	24	7	44	23	10
20	17	3	2	25	7	9	33	28	14	23	16	0	2	5	25	8	31	23	10
20	21	11	3	27	9	9	50	29	15	23	19	48	3	7	26	9	17	24	11
20	25	19	4	28	11	11	7	35	16	23	23	35	4	8	27	10	3	25	12
20	29	26	5	29	13	13	23	1	17	23	27	23	5	9	29	10	50	26	13
20	33	31	6	30	15	15	30	3	18	22	31	8	6	10	11	11	35	26	13
20	37	37	7	3	17	14	50	3	19	22	34	54	7	12	1	12	23	27	14
20	41	41	8	3	18	16	0	4	20	23	38	40	8	13	2	13	6	28	15
20	45	45	9	4	20	17	8	5	21	22	42	25	9	14	3	13	49	29	16
20	49	48	10	6	22	18	16	6	22	22	46	9	10	16	4	14	53	29	17
20	53	51	11	7	24	19	22	7	23	23	49	53	11	17	5	15	17	30	18
20	57	53	12	9	26	20	27	7	23	22	53	37	12	18	7	16	0	1	15
21	1	53	13	10	27	21	30	8	24	22	57	20	13	20	8	16	43	3	19
21	5	53	14	11	29	23	33	9	25	23	1	8	14	21	9	17	25	3	20
21	9	53	15	12	31	25	33	10	26	23	4	46	15	22	10	18	7	4	21
21	13	53	16	14	3	24	33	11	27	23	8	28	16	23	11	18	40	4	22
21	17	50	17	15	4	25	30	12	27	23	12	10	17	24	12	19	31	5	23
21	21	47	18	17	6	26	26	12	28	23	15	53	18	26	13	20	12	6	24
21	25	44	19	18	7	27	24	13	29	23	19	34	19	27	14	20	53	6	25
21	29	40	20	19	9	28	20	14	30	23	23	15	20	28	15	21	34	7	26
21	33	35	21	21	10	29	15	15	1	23	26	56	21	29	16	22	14	8	26
21	37	29	22	23	11	0	9	16	2	23	30	37	22	30	17	23	53	9	27
21	41	23	23	23	13	1	3	16	3	23	34	18	23	1	18	23	33	9	27
21	45	16	24	25	15	1	55	17	4	23	37	58	24	2	19	24	13	10	28
21	49	9	25	26	16	3	47	18	4	23	41	39	25	4	20	24	53	11	29
21	53	1	26	28	17	3	39	19	5	23	45	19	26	5	21	25	39	11	29
21	57	53	27	29	19	4	29	20	6	23	49	0	27	6	22	26	11	12	1
22	0	43	28	7	21	5	18	21	7	23	53	40	28	7	23	27	59	13	2
22	4	33	29	1	22	6	7	21	8	23	56	20	29	8	24	27	59	13	2
22	8	33	30	2	23	6	56	22	9	24	0	0	30	10	25	28	59	13	2

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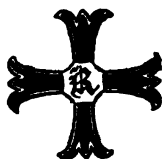
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RAPHAEL'S
ASTRONOMICAL EPHEMERIS

OF THE
PLANETS' PLACES

For 1856.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	°	'	°	'	°	'
1	16	18	0 S 19	16 N 39	1 S 12	22 N 11	1 S 1	12 S 9
4	16	18	0 19	16 39	1 12	22 11	1 1	11 56
7	16	18	0 19	16 38	1 11	22 11	1 1	11 43
10	16	18	0 19	16 37	1 11	22 11	1 1	11 29
13	16	18	0 19	16 37	1 10	22 11	1 0	11 15
16	16	18	0 19	16 36	1 10	22 11	1 0	11 1
19	16	17	0 19	16 36	1 9	22 11	1 0	10 47
22	16	17	0 19	16 36	1 8	22 11	1 0	10 32
25	16	17	0 19	16 36	1 8	22 11	1 0	10 17
28	16	17	0 19	16 36	1 7	22 11	1 0	10 2
31	16	16	0 19	16 36	1 6	22 12	1 0	9 47

D M	D W	Sidereal Time.	⊙ Long.	⊙ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	18 41 20	10 ^w 19 35	23 S 3	21 [△] 16	0 N52	7 S30	17 ⁸ 8
2	W	18 45 17	11 20 45	22 59	3 ^m 29	0 S13	12 53	17 ⁷ 7
3	Th	18 49 13	12 21 56	22 53	16 0	1 19	17 54	17 ⁶ 6
4	F	18 53 10	13 23 7	22 47	28 54	2 22	22 14	17 ⁴ 4
5	S	18 57 6	14 24 18	22 41	12 ^f 13	3 20	25 35	17 ³ 3
6	S	19 1 3	15 25 29	22 34	25 59	4 8	27 32	17 ² 2
7	M	19 5 0	16 26 39	22 27	10 ^w 9	4 42	27 46	17 ¹ 1
8	Tu	19 8 56	17 27 50	22 19	24 38	4 59	26 7	16 ⁵⁰ 50
9	W	19 12 53	18 29 0	22 11	9 ^m 19	4 57	22 42	16 ⁵⁸ 58
10	Th	19 16 49	19 30 10	22 2	24 5	4 35	17 49	16 ⁵⁸ 58
11	F	19 20 46	20 31 20	21 53	8 ^x 46	3 55	11 55	16 ⁵⁸ 58
12	S	19 24 42	21 32 28	21 44	23 17	3 0	5 25	16 ⁵⁷ 57
13	S	19 28 39	22 33 37	21 34	7 ^r 35	1 54	1 N16	16 ⁵⁷ 57
14	M	19 32 35	23 34 44	21 24	21 36	0 43	7 46	16 ⁵⁷ 57
15	Tu	19 36 32	24 35 51	21 13	5 ⁸ 21	0 N30	13 47	16 ⁵⁶ 56
16	W	19 40 29	25 36 57	21 2	18 51	1 39	19 2	16 ⁵⁶ 56
17	Th	19 44 25	26 38 2	20 51	2 ^Π 8	2 42	23 15	16 ⁵⁵ 55
18	F	19 48 22	27 39 6	20 39	15 12	3 35	26 12	16 ⁵⁵ 55
19	S	19 52 18	28 40 9	20 27	28 6	4 17	27 43	16 ⁵⁵ 55
20	S	19 56 15	29 41 12	20 14	10 ⁵⁵ 49	4 44	27 45	16 ⁵⁵ 55
21	M	20 0 11	0 ^m 42 13	20 1	23 22	4 58	26 20	16 ⁵⁵ 55
22	Tu	20 4 8	1 43 14	19 48	5 ^Ω 44	4 57	23 39	16 ⁵⁴ 54
23	W	20 8 5	2 44 14	19 34	17 56	4 43	19 57	16 ⁵⁴ 54
24	Th	20 12 1	3 45 14	19 20	29 59	4 16	15 28	16 ⁵⁴ 54
25	F	20 15 58	4 46 12	19 5	11 ^m 54	3 37	10 27	16 ⁵⁴ 54
26	S	20 19 54	5 47 10	18 50	23 44	2 50	5 6	16 ^{D54} 54
27	S	20 23 51	6 48 8	18 34	5 [△] 31	1 55	0 S26	16 ⁵⁵ 55
28	M	20 27 47	7 49 4	18 20	17 21	0 55	5 58	16 ⁵⁵ 55
29	Tu	20 31 44	8 50 0	18 4	29 18	0 S	8 11	21 16 ⁵⁵ 55
30	W	20 35 40	9 50 55	17 48	11 ^m 27	1 11	16 25	16 ⁵⁵ 55
31	Th	20 39 37	10 51 50	17 31	23 55	2 13	20 55	16 ⁵⁵ 55

FEBRUARY XXIX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	16	08 19	16 N36	18 6	22 N12	18 0	98 42
4	16	15	0 19	16 37	1 6	22 12	1 0	9 27
7	16	15	0 19	16 37	1 5	22 12	1 0	9 10
10	16	14	0 18	16 38	1 5	22 13	1 0	8 54
13	16	14	0 18	16 39	1 4	22 13	1 0	8 38
16	16	13	0 18	16 40	1 4	22 14	1 0	8 22
19	16	12	0 18	16 41	1 3	22 14	1 0	8 6
22	16	12	0 18	16 42	1 3	22 15	1 0	7 49
25	16	11	0 18	16 44	1 2	22 15	1 0	7 32
28	16	10	0 18	16 45	1 1	22 16	1 0	7 15

D M	D W	Sidereal Time.		☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.		° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	20 43 34	11	m 52 43	17 S 15	6 f 48	3 S 11	24 S 35	16 5 56
2	S	20 47 30	12	53 36 16	57 20 3	4 0 27	4 0 27	4 16 37	16 27
3	S	20 51 27	13	54 28 16	40 3 w 50	4 37 28	1 16 5	16 5	16 5
4	M	20 55 23	14	55 18 16	22 18 6	4 58 27	9 16 57	16 57	16 57
5	Tu	20 59 20	15	56 8 16	4 2 m 47	5 0 24	25 16	16	16
6	W	21 3 16	16	56 56 15	46 17 46	4 43 20	0 16	16	16
7	Th	21 7 13	17	57 44 15	28 2 x 54	4 5 14	15 16	16	16
8	F	21 11 10	18	58 29 15	9 18 0	3 10 7	40 16	16	16
9	S	21 15 6	19	59 14 14	50 2 r 54	2 3 0	44 16	16	16
10	S	21 19 3	20	59 56 14	31 17 30	0 49 6	N 8 17	17	17
11	M	21 22 59	22	0 37 14	11 1 8 44	0 N 27 12	31 17	17	17
12	Tu	21 26 56	23	1 17 13	51 15 36	1 39 18	6 17	17	17
13	W	21 30 52	24	1 55 13	31 29 5	2 44 22	38 17	17	17
14	Th	21 34 49	25	2 31 13	11 12 15	3 38 25	53 17	17	17
15	F	21 38 45	26	3 5 12	51 25 8	4 20 27	42 17	17	17
16	S	21 42 42	27	3 38 12	30 7 547	4 48 28	2 17	17	17
17	S	21 46 39	28	4 8 12	9 20 14	5 3 26	55 17	17	17
18	M	21 50 35	29	4 37 11	48 2 31	5 2 24	31 17	17	17
19	Tu	21 54 32	0 x	5 4 11	27 14 39	4 48 21	3 17	17	17
20	W	21 58 28	1	5 30 11	6 26 41	4 22 16	44 17	17	17
21	Th	22 2 25	2	5 54 10	44 8 m 36	3 44 11	48 17	17	17
22	F	22 6 21	3	6 16 10	23 20 28	2 56 6	29 17	17	17
23	S	22 10 18	4	6 36 10	1 2 16	2 1 0	57 17	17	17
24	S	22 14 14	5	6 56 9	39 14 4	1 0 4	S 38 17	17	17
25	M	22 18 11	6	7 18 9	16 25 56	08 3 10	4 17	17	17
26	Tu	22 22 7	7	7 29 8	54 7 m 54	1 7 15	13 17	17	17
27	W	22 26 4	8	7 44 8	32 20 3	2 10 19	51 17	17	17
28	Th	22 30 1	9	7 57 8	9 2 f 28	3 7 23	44 17	17	17
29	F	22 33 57	10	8 8 7	46 15 14	3 57 26	34 17	17	17

FEBRUARY XXIX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 43	4 S 52	1 N 45	21 S 42	0 N 15	11 S 13	28 r 30
4	2 45	5 5	1 36	21 48	1 1	9 31	28 20
7	2 48	5 16	1 26	21 49	1 50	8 14	28 11
10	2 50	5 25	1 16	21 44	2 39	7 33	28 1
13	2 53	5 32	1 5	21 33	3 16	7 33	27 52
16	2 55	5 37	0 54	21 17	3 39	8 12	27 42
19	2 57	5 40	0 43	20 55	3 42	9 18	27 33
22	2 59	5 40	0 33	20 28	3 25	10 35	27 23
25	3 1	5 39	0 22	19 55	2 54	11 47	27 14
28	3 3	5 35	0 12	19 18	2 17	12 47	27 4

D M	♂		♀		Mutual Aspts.	Lunar Aspects					
	Long.	Long.	Long.	Long.		☉	♂	♀	♂	♀	♂
	° /	° /	° /	° /							
1	23 11 32	7 x 30	18 49	0 w 38	0 x 8	*			□		
2	23 13 30	7 44 19	3 1 49	1 10				♂	*		
3	23 28	7 58 19	16 3 0	2 5	☉ P H			*		♂	*
4	23 25	8 12 19	29 4 12	2 52			Δ		□		
5	23 23	8 26 19	41 5 23	3 30							
6	23 21	8 40 19	53 6 35	3 59	☉ □ H	♂	□	Δ	Δ		
7	23 19	8 54 20	5 7 47	4 17					♂	*	♂
8	23 18	9 8 20	15 7 58	4 24	♀ * ♀		*	□			
9	23 16	9 22 20	25 10 10	4 21	☉ Δ ♂						
10	23 15	9 36 20	35 11 22	4 7		*	*		♂	□	
11	23 13	9 50 20	43 12 34	3 43							*
12	23 12	10 4 20	51 13 46	3 8	☉ Δ h		♂		*	Δ	
13	23 11	10 18 20	59 14 58	2 16		□					□
14	23 10	10 33 21	6 16 10	1 34					□		
15	23 9	10 47 21	13 17 22	0 36	♀ Δ H	Δ	♂		Δ		Δ
16	23 8	11 1 21	19 18 34	29 33				Δ			
17	23 7	11 16 21	24 19 46	28 28	☉ ♂ ♀		*		□	♂	
18	23 6	11 30 21	28 20 58	27 19	♀ □ ♂						
19	23 6	11 44 21	32 22 11	26 17			□				
20	23 6	11 59 21	34 23 23	25 11		♂	*		*		♂
21	23 5	12 13 21	36 24 35	24 6	♀ □ ♀				♂		
22	23 5	12 28 21	37 25 48	23 9	♀ Δ h		Δ	□		Δ	
23	23 5	12 42 21	38 27 0	22 16							
24	23 D	5 12 57	39 28 12	21 18	♀ ∠ ♀						
25	23 5	13 11 21	39 29 25	20 52				Δ		♂	□ Δ
26	23 5	13 26 21	37 0 37	20 21	☉ □ ♂	Δ		Δ			
27	23 6	13 40 21	35 1 50	19 56			♂				□
28	23 6	13 55 21	32 3 3	19 39						*	
29	23 7	14 9 21	29 4 15	19 29		□			□	*	*

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 18	16 N 46	18 1	22 N 16	18 0	78 5
4	16	8	0 18	16 48	1 0	22 17	1 0	6 48
7	16	8	0 18	16 50	1 0	22 18	1 0	6 31
10	16	7	0 18	16 51	0 59	22 19	1 0	6 14
13	16	6	0 18	16 53	0 59	22 20	1 1	5 57
16	16	5	0 18	16 55	0 58	22 21	1 1	5 41
19	16	4	0 18	16 58	0 57	22 22	1 1	5 24
22	16	4	0 18	17 0	0 56	22 23	1 1	5 7
25	16	3	0 18	17 2	0 55	22 24	1 1	4 50
28	16	2	0 17	17 4	0 55	22 25	1 1	4 34
31	16	1	0 17	17 7	0 54	22 26	1 2	4 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	22 37 54	11 8 18	7 S 24	28 12 25	4 S 36	28 S 3	17 8 28
2	S	22 41 50	12 8 27	7 1 12	27 4	5 2 27	55 17	17 30
3	M	22 45 47	13 8 34	6 38 26	13	5 10 25	59 17	17 32
4	Tu	22 49 43	14 8 39	6 15 10	49	4 58 22	19 17	17 34
5	W	22 53 40	15 8 42	5 51 25	48	4 27 17	7 17	17 36
6	Th	22 57 36	16 8 44	5 28 11	0	3 36 10	46 17	17 38
7	F	23 1 33	17 8 44	5 5 26	16	2 29 3	46 17	17 40
8	S	23 5 29	18 8 41	4 41 11	26	1 12 3	N 25 17	17 42
9	S	23 9 26	19 8 37	4 18 26	19	0 N 8 10	18 17	17 44
10	M	23 13 23	20 8 31	3 55 10	51	1 26 16	28 17	17 46
11	Tu	23 17 19	21 8 22	3 31 24	56	2 37 21	33 17	17 48
12	W	23 21 16	22 8 11	3 7 8	35	3 37 25	19 17	17 50
13	Th	23 25 12	23 7 58	2 44 21	50	4 23 27	35 17	17 53
14	F	23 29 9	24 7 43	2 20 45	42	4 54 28	16 17	17 55
15	S	23 33 5	25 7 25	1 56 17	16	5 10 27	28 17	17 57
16	S	23 37 2	26 7 5	1 33 29	35	5 12 25	20 18	0
17	M	23 40 58	27 6 43	1 9 11	43	4 59 22	5 18	2
18	Tu	23 44 55	28 6 19	0 45 23	42	4 34 17	56 18	5
19	W	23 48 52	29 5 52	0 22 5	35	3 57 13	8 18	7
20	Th	23 52 48	0 5 23	0 N 2 17	26	3 10 7	53 18	10
21	F	23 56 45	1 4 52	0 26 29	15	2 14 2	21 18	13
22	S	0 0 41	2 4 19	0 49 11	4	1 13 3	S 16 18	15
23	S	0 4 38	3 3 45	1 13 22	57	0 8 8	48 18	18
24	M	0 8 34	4 3 8	1 37 4	55	0 S 58 14	4 18	20
25	Tu	0 12 31	5 2 29	2 0 17	0	2 2 18	52 18	23
26	W	0 16 27	6 1 49	2 24 29	16	3 1 22	57 18	25
27	Th	0 20 24	7 1 6	2 47 11	46	3 53 26	4 18	28
28	F	0 24 21	8 0 22	3 11 24	33	4 35 27	55 18	31
29	S	0 28 17	8 59 36	3 34 7	42	5 3 28	17 18	34
30	S	0 32 14	9 58 49	3 57 21	13	5 16 26	59 18	37
31	M	0 36 10	10 57 59	4 21 5	10	5 11 24	1 18	40

1856.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

9

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 49	2 S 42	1 S 16	7 S 47	2 S 26	6 S 21	25 r 19
4	2 44	2 20	1 20	6 26	2 26	4 30	25 10
7	2 39	1 58	1 24	5 4	2 23	2 28	25 0
10	2 33	1 37	1 28	3 40	2 16	0 17	24 51
13	2 27	1 18	1 31	2 15	2 8	2 N 3	24 41
16	2 19	1 0	1 33	0 50	1 46	4 30	24 31
19	2 10	0 45	1 34	0 N 36	1 25	7 4	24 22
22	2 2	0 31	1 35	2 2	1 0	9 42	24 12
25	1 54	0 20	1 36	3 28	0 31	12 20	24 3
28	1 46	0 12	1 36	4 53	0 0	14 56	23 53

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♅	♀	♁
	° /	° /	° /	° /	° /							
1	24 11 24	21 x 49	13 23	13 x 10	19 x 36			☐	Δ		Δ	
2	24 28 22	3 13 R	0 14	23 21	9	☉ ♂ ♂						
3	24 32 22	17 12	37 15	36 22	44	♀ ♂ ♄		*	☐	♄		♄
4	24 36 22	31 12	14 16	50 24	20	♀ ☐ ♄						
5	24 40 22	45 11	51 18	3 25	58		♄		*		♄	
6	24 44 22	59 11	28 19	16 27	37	♀ * ♄						
7	24 48 23	12 11	5 20	30 29	18	♀ P ♄		♄		*		*
8	24 53 23	26 10	43 21	43 1 r	1	♀ P ♂		*				*
9	24 58 23	40 10	20 22	56 2	45			*		☐	Δ	☐
10	25 3 23	54 9	57 24	9 4	31	♀ ♂ ♄			♄			☐
11	25 8 24	8 9	35 25	23 6	12	♀ ☐ ♄		*			☐	
12	25 13 24	21 9	13 26	36 8	6		☐				Δ	Δ
13	25 18 24	35 8	52 27	49 9	56	♀ ♂ ♂				*		Δ
14	25 23 24	49 8	31 29	2 11	48		Δ	☐	*			
15	25 28 25	2 8	10 0 r	15 13	41	☉ * ♄						
16	25 33 25	16 7	50 1	29 15	36			Δ				
17	25 38 25	29 7	31 2	42 17	32				☐	♄		
18	25 44 25	43 7	12 3	55 19	30	♄ ☐ ♄					♄	♄
19	25 49 25	56 6	53 5	9 21	29							♄
20	25 55 26	9 6	35 6	22 23	30	♀ ♂ ♂	♄		Δ			
21	26 1 26	22 6	17 7	35 25	32	♀ * ♄		♄				
22	26 7 26	35 6	0 8	49 27	35						Δ	
23	26 12 26	48 5	45 10	2 29	40					*		Δ
24	26 18 27	1 5	30 11	15 1 r	47				♄	☐		
25	26 24 27	14 5	15 12	29 3	54		Δ				☐	Δ
26	26 30 27	27 5	2 13	42 6	3	☉ ♂ ♄		Δ			☐	
27	26 36 27	40 4	49 14	55 8	10	☉ P ♄	☐			*	Δ	
28	26 42 27	52 4	36 16	9 10	19			☐			*	☐
29	26 48 28	5 4	24 17	22 12	29	♀ ∠ ♄			Δ			
30	26 54 28	18 4	13 18	35 14	40			*	*			*

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	2	0 S 17	17 N 8	0 S 54	22 N 26	1 S 2	4 S 12
4	16	1	0 17	17 10	0 53	22 27	1 2	3 55
7	16	0	0 17	17 13	0 53	22 28	1 2	3 39
10	15	59	0 17	17 15	0 52	22 29	1 3	3 23
13	15	58	0 17	17 18	0 52	22 30	1 3	3 7
16	15	58	0 17	17 21	0 51	22 31	1 3	2 51
19	15	57	0 17	17 23	0 51	22 32	1 4	2 36
22	15	56	0 17	17 26	0 51	22 33	1 4	2 21
25	15	55	0 17	17 29	0 50	22 34	1 5	2 5
28	15	55	0 17	17 32	0 50	22 35	1 5	1 51

D M	D W	Sidereal Time.	☉ Long.		☉ Declin	☾ Long.	☾ Lat.	☾ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	0 40 7	11 57 8	4 N 44	19 31	4 S 47	19 S 31	18 43	43
2	W	0 44 3	12 56 15	5 7	4 14	4 41	13 45	18 46	44
3	Th	0 48 0	13 55 20	5 30	19 14	3 37	4 18	18 49	45
4	F	0 51 56	14 54 23	5 52	4 22	1 49	0 N 4	18 52	46
5	S	0 55 53	15 53 24	6 15	19 29	0 27	7 13	18 55	47
6	S	0 59 50	16 52 23	6 38	4 27	0 N 56	13 53	18 58	48
7	M	1 3 46	17 51 20	7 19	6 2	13 19	39 19	19 1	49
8	Tu	1 7 43	18 50 15	7 23	3 23	3 20	24 7	19 4	50
9	W	1 11 39	19 49 8	7 44	17 13	4 13	27 3	19 7	51
10	Th	1 15 36	20 47 58	8 8	0 36	4 51	28 18	19 11	52
11	F	1 19 32	21 46 46	8 30	13 34	5 12	27 56	19 14	53
12	S	1 23 29	22 45 32	8 52	26 11	5 17	26 8	19 17	54
13	S	1 27 25	23 44 15	9 13	8 29	5 8	23 7	19 20	55
14	M	1 31 22	24 42 57	9 35	20 34	4 45	19 9	19 24	56
15	Tu	1 35 19	25 41 36	9 56	2 29	4 10	14 29	19 27	57
16	W	1 39 15	26 40 13	10 18	14 19	3 25	9 19	19 30	58
17	Th	1 43 12	27 38 47	10 39	26 8	2 31	3 51	19 33	59
18	F	1 47 8	28 37 20	11 0	7 57	1 30	18 46	19 36	60
19	S	1 51 5	29 35 51	11 20	19 51	0 25	7 23	19 40	61
20	S	1 55 1	30 34 19	11 41	1 51	0 S 41	12 46	19 43	62
21	M	1 58 58	1 32 46	12 1	13 59	1 46	17 45	19 46	63
22	Tu	2 2 54	2 31 11	12 21	26 19	2 48	22 4	19 49	64
23	W	2 6 51	3 29 34	12 41	8 49	3 42	25 27	19 53	65
24	Th	2 10 48	4 27 56	13 1	21 33	4 26	27 37	19 56	66
25	F	2 14 44	5 26 16	13 21	4 31	4 58	28 21	19 59	67
26	S	2 18 41	6 24 35	13 40	17 46	5 15	27 29	20 3	68
27	S	2 22 37	7 22 52	13 59	1 17	5 14	25 0	20 6	69
28	M	2 26 34	8 21 7	14 18	15 7	4 56	21 2	20 10	70
29	Tu	2 30 30	9 19 21	14 37	29 15	4 20	15 48	20 13	71
30	W	2 34 27	10 17 33	14 55	13 39	3 27	9 37	20 17	72

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 N 49	2 S 42	1 S 16	7 S 47	2 S 26	6 S 21	25 r 19
4	2 44	2 20	1 20	6 26	2 26	4 30	25 10
7	2 39	1 58	1 24	5 4	2 23	2 28	25 0
10	2 33	1 37	1 28	3 40	2 16	0 17	24 51
13	2 27	1 18	1 31	2 15	2 3	2 N 3	24 41
16	2 19	1 0	1 33	0 50	1 46	4 30	24 31
19	2 10	0 45	1 34	0 N 36	1 25	7 4	24 22
22	2 2	0 31	1 35	2 2	1 0	9 42	24 12
25	1 54	0 20	1 36	3 28	0 31	12 20	24 3
28	1 46	0 12	1 36	4 53	0 0	14 56	23 53

D M	h		♄		♅		♆		♇		Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /	° /	° /	° /	° /	° /									
1	24 24	21 49	13 23	13 10	19 36								☐	Δ			Δ		
2	24 28	22 3	13 13	14 23	21 9	☉♂♂													
3	24 32	22 17	12 37	15 36	22 44	☿♂♄						*	☐	♈			♈♈		
4	24 36	22 31	12 14	16 50	24 20	☿☐♈						♈		*			♈		
5	24 40	22 45	11 51	18 32	25 58							♈		*			♈		
6	24 44	22 59	11 28	19 16	27 37	☿*♈													
7	24 48	23 12	11 5	20 30	29 18	☿P☿						♈			*		*		
8	24 53	23 26	10 43	21 43	1 r 1	☿P♈													*
9	24 58	23 40	10 20	22 56	2 45							*			☐	Δ	☐		
10	25 3	23 54	9 57	24 9	4 31	☿♈♄							♈		♈				☐
11	25 8	24 8	9 35	25 23	6 12	☿☐♈							*				☐	Δ	
12	25 13	24 21	9 13	26 36	8 6							☐				Δ		Δ	
13	25 18	24 35	8 52	27 49	9 56	☿♈♈						Δ	☐	*			*		Δ
14	25 23	24 49	8 31	29 21	11 48														
15	25 28	25 2	8 10	0 r 15	13 41	☉*♈													
16	25 33	25 16	7 50	1 29	15 36								Δ						
17	25 38	25 29	7 31	2 42	17 32									☐	♈				
18	25 44	25 43	7 12	3 55	19 30	♄☐♈											♈♈		♈
19	25 49	25 56	6 53	5 9	21 29														
20	25 55	26 9	6 35	6 22	23 30	☿♈♈						♈		Δ					
21	26 1	26 22	6 17	7 35	25 32	☿*♈						♈							
22	26 7	26 35	6 0	8 49	27 35											Δ			
23	26 12	26 48	5 45	10 2	29 40												*	Δ	
24	26 18	27 1	5 30	11 15	1 47										♈	☐			
25	26 24	27 14	5 15	12 29	3 54							Δ					☐		Δ
26	26 30	27 27	5 2	13 42	6 2	☉☉☿							Δ					☐	
27	26 36	27 40	4 49	14 55	8 10	☉P☿						☐				*	Δ		
28	26 42	27 52	4 36	16 9	10 19								☐					*	☐
29	26 48	28 5	4 24	17 22	12 29	☿♈♄							*		Δ				*
30	26 54	28 18	4 13	18 35	14 40							*	*						*

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	°	'	°	'	°	'	°	'
1	15	52	0 S 17	17 N 34	0 S 50	22 N 36	1 S 6	18 36
4	15	52	0 17	17 37	0 49	22 37	1 6	1 22
7	15	51	0 17	17 40	0 49	22 38	1 6	1 8
10	15	51	0 17	17 43	0 48	22 38	1 7	0 54
13	15	50	0 17	17 46	0 48	22 39	1 7	0 40
16	15	49	0 17	17 48	0 48	22 40	1 8	0 27
19	15	49	0 17	17 51	0 47	22 40	1 8	0 15
22	15	48	0 17	17 54	0 47	22 41	1 9	0 2
25	15	48	0 17	17 57	0 47	22 41	1 10	0 N 9
28	15	47	0 17	17 59	0 46	22 42	1 11	0 21
31	15	47	0 17	18 2	0 46	22 42	1 11	0 32

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	Th	2 38 23	11 8 15	44 15 N 13	28 17	2 S 19	2 S 49	20 8 20
2	F	2 42 20	12 13 54	15 31 13	r 4	1 2	4 N 12	20 24
3	S	2 46 17	13 12 21	5 49 27	53	0 N 19	11 2	20 27
4	S	2 50 13	14 10 8	16 6 12	8 38	1 39	17 13	20 31
5	M	2 54 10	15 8 12	16 23 27	11	2 51	22 19	20 34
6	Tu	2 58 6	16 6 15	16 40 11	26	3 51	25 59	20 37
7	W	3 2 3	17 4 17	16 57 25	19	4 36	27 58	20 41
8	Th	3 5 59	18 2 16	17 13 8	25 47	5 3	28 13	20 43
9	F	3 9 56	19 0 14	17 29 21	50	5 14	26 51	20 48
10	S	3 13 52	19 58 10	17 45 4	30	5 9	24 9	20 51
11	S	3 17 49	20 56 4	18 0 16	51	4 50	20 24	20 55
12	M	3 21 46	21 53 56	18 15 28	57	4 18	15 53	20 58
13	Tu	3 25 42	22 51 46	18 30 10	m 52	3 36	10 49	21 2
14	W	3 29 39	23 49 35	18 45 22	41	2 44	5 25	21 5
15	Th	3 33 35	24 47 22	18 59 4	30	1 46	0 S 10	21 9
16	F	3 37 32	25 45 8	19 13 16	22	0 43	5 47	21 12
17	S	3 41 28	26 42 51	19 26 28	21	0 S 23	11 15	21 15
18	S	3 45 25	27 40 34	19 40 10	m 31	1 28	16 23	21 19
19	M	3 49 21	28 38 15	19 52 22	53	2 30	20 56	21 22
20	Tu	3 53 18	29 35 54	20 5 5	f 29	3 26	24 37	21 26
21	W	3 57 15	0 33 33	20 17 18	19	4 13	27 8	21 29
22	Th	4 1 11	1 31 10	20 29 1	w 24	4 47	28 14	21 33
23	F	4 5 8	2 28 46	20 40 14	42	5 6	27 43	21 36
24	S	4 9 4	3 26 21	20 52 28	13	5 9	25 35	21 40
25	S	4 13 1	4 23 55	21 2 11	m 55	4 55	21 57	21 43
26	M	4 16 57	5 21 29	21 13 25	48	4 23	17 3	21 47
27	Tu	4 20 54	6 19 1	21 23 9	* 51	3 35	11 12	21 50
28	W	4 24 50	7 16 33	21 33 24	2	2 33	4 42	21 54
29	Th	4 28 47	8 14 4	21 42 8	r 20	1 22	2 N 3	21 57
30	F	4 32 44	9 11 34	21 51 22	43	0 5	8 46	22 1
31	S	4 36 40	10 9 3	21 59 7	8 7	1 N 12	15 2	22 4

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 39	0 S 6	1 S 35	6 N 18	0 N 32	17 N 23	23 r 44
4	1 31	0 3	1 33	7 41	1 3	19 36	23 34
7	1 23	0 3	1 30	9 3	1 30	21 30	23 25
10	1 15	0 6	1 28	10 24	1 53	23 2	23 15
13	1 7	0 11	1 25	11 42	2 9	24 11	23 6
16	1 0	0 19	1 21	12 58	2 18	24 58	22 56
19	0 52	0 29	1 16	14 11	2 21	25 25	22 47
22	0 45	0 42	1 11	15 21	2 14	25 33	22 37
25	0 39	0 57	1 6	16 28	2 0	25 26	22 28
28	0 33	1 14	1 1	17 31	1 40	25 7	22 18
31	0 27	1 33	0 55	18 30	1 10	24 36	22 9

D M	h		♄		♂		♀		♀	Mutual Aspts.	Lunar Aspects.								
	Long.		Long.		Long.		Long.				☉	☿	♈	♉	♊	♋	♌	♍	♎
	°	'	°	'	°	'	°	'	°	'									
1	27	0	28	30	4	3	19	49	16	49	♀ P ☿			☐	♈	♉			
2	27	6	28	43	3	54	21	2	18	57	☉ ∠ ♈								
3	27	13	28	55	3	46	22	15	21	4	☿ ∠ ♊			*			♈		
4	27	19	29	7	3	38	23	28	23	11	☿ ∠ ♋	♈							
5	27	25	29	20	3	31	24	41	25	16		♈	♈		*	Δ			♈
6	27	31	29	32	3	24	25	54	27	19	☿ ∠ ♌								
7	27	38	29	44	3	18	27	8	29	21	♀ * ♌			♈	☐		*		
8	27	45	29	56	3	13	28	21	1	20						☐			
9	27	52	0	7	3	10	29	35	3	17	☿ Δ ♂	*	*						
10	27	58	0	19	3	7	0	48	5	12	♀ ∠ ♍					Δ	*	☐	*
11	28	5	0	30	3	5	2	1	7	3	☉ ∠ ☿	☐	☐						
12	28	12	0	42	3	4	3	15	8	51				*				Δ	
13	28	19	0	53	3	3	4	28	10	36									☐
14	28	26	1	5	3	D	4	5	41	12			Δ	Δ	☐				
15	28	33	1	16	3	5	6	54	13	58						♈	♈		
16	28	40	1	28	3	6	8	8	15	33									Δ
17	28	47	1	39	3	8	9	21	17	5	♈ P ♍			Δ					
18	28	54	1	50	3	11	10	35	18	34								♈	
19	29	1	2	1	3	15	11	48	20	0			♈	♈					
20	29	8	2	12	3	20	13	1	21	22						Δ	*		
21	29	15	2	23	3	25	14	14	22	40									♈
22	29	22	2	33	3	31	15	28	23	55					♈	☐	☐		
23	29	29	2	44	3	38	16	41	25	6	☉ * ♍							Δ	
24	29	37	2	55	3	45	17	54	26	14	☉ Δ ♂	Δ	Δ		*	Δ			
25	29	44	3	5	3	53	19	8	27	18	♀ ☐ ♂								
26	29	51	3	15	4	2	20	21	28	18				☐	Δ			☐	Δ
27	29	59	3	25	4	11	21	34	29	15	♀ ∠ ☿	☐							
28	0	6	3	35	4	20	22	47	0	57	♀ ∠ ♈	*	*	*	☐		*	*	☐
29	0	13	3	45	4	31	24	1	0	54		*				♈	♈		
30	0	21	3	55	4	43	25	14	1	39	♀ P ☿								
31	0	28	4	5	4	55	26	28	2	19					*				*

JUNE XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° /	° /	° /	° /	° /	° /
1	15 48	0 S 17	18 N 3	0 S 46	22 N 42	1 S 11	0 N 36
4	15 48	0 17	18 5	0 46	22 42	1 12	0 46
7	15 47	0 17	18 8	0 45	22 42	1 13	0 56
10	15 47	0 17	18 10	0 45	22 42	1 13	1 6
13	15 47	0 17	18 13	0 45	22 42	1 14	1 15
16	15 46	0 17	18 15	0 45	22 42	1 15	1 23
19	15 46	0 17	18 17	0 44	22 42	1 16	1 31
22	15 46	0 17	18 20	0 44	22 42	1 16	1 39
25	15 46	0 17	18 22	0 44	22 41	1 17	1 45
28	15 46	0 17	18 24	0 43	22 41	1 18	1 52

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° / "	° /	° /	° /	° /	°
1	S	4 40 37	11 11 6 31	22 N 8	21 8 28	2 N 25	20 N 28	22 8 7
2	M	4 44 33	12 3 59	22 15	5 11 42	3 27 24	40 22	22 10
3	Tu	4 48 30	13 1 25	22 23	19 42	4 16 27	19 22	22 14
4	W	4 52 26	13 58 51	22 30	3 26	4 49 23	14 22	22 17
5	Th	4 56 23	14 56 16	22 37	16 49	5 5 27	27 22	22 20
6	F	5 0 19	15 53 40	22 43	29 50	5 4 25	10 22	22 24
7	S	5 4 16	16 51 2	22 49	12 30	4 49 21	41 22	22 27
8	S	5 8 13	17 48 24	22 54	24 52	4 20 17	20 22	22 30
9	M	5 12 9	18 45 45	22 59	6 58	3 40 12	22 22	22 34
10	Tu	5 16 6	19 43 5	23 4	18 53	2 51 7	2 22	22 37
11	W	5 20 2	20 40 23	23 8	0 43	1 55 1	29 22	22 40
12	Th	5 23 59	21 37 41	23 11	12 32	0 54 48	7 22	22 44
13	F	5 27 55	22 34 58	23 15	24 26	0 S 9 9	37 22	22 47
14	S	5 31 52	23 32 14	23 18	6 30	1 13 14	51 22	22 50
15	S	5 35 49	24 29 30	23 21	18 48	2 15 19	35 22	22 53
16	M	5 39 45	25 26 44	23 23	1 22	3 11 23	34 22	22 56
17	Tu	5 43 42	26 23 59	23 25	14 14	3 59 26	29 22	22 59
18	W	5 47 38	27 21 12	23 26	27 25	4 35 28	1 23	23 2
19	Th	5 51 35	28 18 25	23 27	10 54	4 57 27	57 23	23 5
20	F	5 55 31	29 15 38	23 27	24 37	5 2 26	10 23	23 8
21	S	5 59 28	0 12 50	23 28	8 32	4 50 22	48 23	23 11
22	S	6 3 24	1 10 3	23 27	22 34	4 20 18	6 23	23 14
23	M	6 7 21	2 7 15	23 27	6 41	3 35 12	23 23	23 16
24	Tu	6 11 18	3 4 28	23 25	20 50	2 36 6	1 23	23 19
25	W	6 15 14	4 1 40	23 24	4 56	1 27 0	N 39	23 22
26	Th	6 19 11	4 58 52	23 22	19 6	0 13 7	17 23	23 25
27	F	6 23 7	5 56 5	23 20	3 11	1 N 1 13	33 23	23 27
28	S	6 27 4	6 53 17	23 17	17 12	2 12 19	5 23	23 30
29	S	6 31 0	7 50 30	23 14	1 11 8	3 3 23	33 23	23 33
30	M	6 34 57	8 47 43	23 10	14 57	4 3 26	38 23	23 35

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 25	1 S 39	0 S 53	18 N 48	0 N 58	24 N 24	22 r 5
4	0 19	2 1	0 46	19 42	0 19	23 43	21 56
7	0 13	2 24	0 40	20 30	0 S 25	22 57	21 46
10	0 8	2 49	0 33	21 14	1 15	22 8	21 37
13	0 3	3 15	0 26	21 52	2 4	21 19	21 27
16	0 S 2	3 43	0 19	22 25	2 53	20 32	21 18
19	0 7	4 12	0 12	22 52	3 37	19 50	21 8
22	0 11	4 42	0 5	23 13	4 11	19 17	20 59
25	0 15	5 13	0 N 2	23 28	4 32	18 54	20 49
28	0 19	5 45	0 9	23 37	4 42	18 44	20 40

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☾	♁	♂	♂	♂	♂
	° /	° /	° /	° /	° /							
1	0 36	4 r 15	5 6	27 8 41	2 55		♂				♂	
2	0 48	4 24	5 19	28 55	3 26		♂		*	Δ		
3	0 51	4 34	5 33	0 11 8	3 53							
4	0 59	4 43	5 47	1 22	4 16	♀ ⊥ h		♂	□	□		♂
5	1 6	4 52	6 2	2 35	4 33		*					
6	1 14	5 0	6 17	3 48	4 46	☉ P h				Δ	*	
7	1 22	5 9	6 33	5 2	4 56	♀ * ♄	*				*	*
8	1 29	5 18	6 49	6 15	5 0			□				
9	1 37	5 27	7 6	7 28	4 R 59	♀ Δ ♂			*		□	*
10	1 45	5 35	7 24	8 42	4 54		□	Δ				
11	1 53	5 43	7 42	9 56	4 45	♂ □ ♁			□	♂		□
12	2 0	5 51	8 0	11 9	4 32	♀ P ♀				♂	Δ	
13	2 8	5 58	8 18	12 23	4 15	☉ ⊥ ♁	Δ					Δ
14	2 16	6 6	8 37	13 36	3 54				Δ			
15	2 23	6 14	8 57	14 50	3 30		♂					
16	2 31	6 22	9 17	16 3	3 2					Δ		
17	2 39	6 30	9 38	17 17	2 32	♂ ♂ h	♂				*	♂
18	2 47	6 37	9 59	18 30	2 0	h P ♀	♂	♂				♂
19	2 55	6 44	10 20	19 44	1 27				□	□		
20	3 2	6 50	10 42	20 57	0 52		Δ					
21	3 10	6 57	11 4	22 11	0 17	♀ ♂ ☉				*		
22	3 18	7 4	11 27	23 24	29 42	♀ ⊥ ♁		□			Δ	Δ
23	3 26	7 11	11 50	24 37	29 8		Δ		Δ			
24	3 34	7 17	12 13	25 51	28 35			*			□	
25	3 41	7 24	12 36	27 4	28 5	☉ ♂ h	□		□	♂		□
26	3 49	7 30	13 1	28 18	27 87	♀ ♂ ♀					♂	
27	3 57	7 36	13 25	29 31	27 12		*		*		*	*
28	4 5	7 42	13 50	0 45	26 50			♂				
29	4 13	7 47	14 15	1 59	26 32	☉ □ ♄				*		
30	4 21	7 53	14 40	3 12	26 19	☉ ⊥ ♁					Δ	

AUGUST XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° '	° '	° '	° '	° '	° '
1	15 48	08 17	18 N42	08 40	22 N31	18 28	2 N17
4	15 48	0 17	18 43	0 40	22 30	1 29	2 16
7	15 49	0 17	18 43	0 40	22 29	1 30	2 13
10	15 49	0 17	18 44	0 40	22 27	1 30	2 10
13	15 50	0 17	18 45	0 40	22 26	1 31	2 6
16	15 50	0 17	18 45	0 40	22 25	1 32	2 1
19	15 51	0 17	18 46	0 40	22 23	1 33	1 56
22	15 51	0 17	18 46	0 40	22 22	1 34	1 50
25	15 52	0 17	18 46	0 40	22 21	1 34	1 44
28	15 53	0 17	18 47	0 40	22 19	1 35	1 37
31	15 53	0 17	18 47	0 40	22 18	1 35	1 29

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	8 41 7	9 20 25	17 N56	16 23 31	4 N25	20 N 7	24 43
2	S	8 45 3	10 17 53	17 41 28	53 3	48 15	26 24	44
3	S	8 49 0	11 15 22	17 25 11	m 3	3 110	13 24	45
4	M	8 52 56	12 12 52	17 9 23	1	2 6	4 42	47
5	Tu	8 56 53	13 10 23	16 53 4	52	1 6	08 55	48
6	W	9 0 50	14 7 54	16 36 16	39	0 4	6 30	49
7	Th	9 4 46	15 5 27	16 19 28	27	08 59	11 51	50
8	F	9 8 43	16 3 0	16 2 10	m 21	2 0	16 50	52
9	S	9 12 39	17 0 34	15 45 22	26	2 56	21 14	53
10	S	9 16 36	17 58 9	15 28 4	f 47	3 46	24 49	54
11	M	9 20 32	18 55 45	15 10 17	29	4 26	27 17	55
12	Tu	9 24 29	19 53 21	14 52 0	w 36	4 53	28 21	56
13	W	9 28 25	20 50 59	14 33 14	10	5 6	27 46	57
14	Th	9 32 22	21 48 38	14 16 28	10	5 0	25 27	58
15	F	9 36 19	22 46 19	13 56 12	m 33	4 36	21 28	59
16	S	9 40 15	23 44 0	13 37 27	14	3 53	16 5	60
17	S	9 44 12	24 41 43	13 18 12	* 5	2 54	9 43	61
18	M	9 48 8	25 39 27	12 59 26	57	1 43	2 48	62
19	Tu	9 52 5	26 37 13	12 39 11	r 43	0 26	4 N15	63
20	W	9 56 1	27 35 0	12 19 26	17	0 N53	10 59	64
21	Th	9 59 58	28 32 50	11 59 10	36	2 7	17 1	65
22	F	10 3 54	29 30 41	11 39 24	38	3 11	22 2	66
23	S	10 7 51	0 m 28	33 11 19	8	4 4	25 43	67
24	S	10 11 48	1 26 28	10 58 21	48	4 41	27 53	68
25	M	10 15 44	2 24 24	10 38 4	59	5 3	28 25	69
26	Tu	10 19 41	3 22 22	10 17 17	55	5 9	27 22	70
27	W	10 23 37	4 20 22	9 56 0	23	4 59	24 54	71
28	Th	10 27 34	5 18 24	9 34 13	8	4 36	21 17	72
29	F	10 31 30	6 16 28	9 13 25	27	3 59	16 48	73
30	S	10 35 27	7 14 33	8 52 7	m 36	3 13	11 42	74
31	S	10 39 23	8 12 40	8 30 19	36	2 18	6 14	75

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	08 55	12 S 36	1 N 15	18 N 14	1 N 11	21 N 12	18 r 52
4	0 58	13 14	1 18	17 12	1 30	20 3	18 43
7	1 0	13 52	1 21	16 6	1 41	18 33	18 33
10	1 2	14 29	1 23	14 56	1 46	16 46	18 24
13	1 4	15 7	1 24	13 42	1 44	14 48	18 14
16	1 6	15 44	1 25	12 25	1 37	12 40	18 6
19	1 8	16 20	1 26	11 5	1 26	10 28	17 55
22	1 10	16 56	1 26	9 42	1 10	8 12	17 46
25	1 12	17 32	1 25	8 16	0 52	5 56	17 36
28	1 14	18 6	1 24	6 49	0 32	3 40	17 27
31	1 16	18 40	1 22	5 20	0 10	1 26	17 17

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♊	♍	♏	♋
	° ,	° ,	° ,	° ,	° ,									
1	8 52 24	9 r 10	0 m 42	12 52 36	0 52 36	☉ Δ ♄							♂	
2	8 31	9 R 10	1 16 13	50	2 39			☐				*		
3	8 38	9 9	1 51 15	4	4 43				*					
4	8 45	9 8	2 25 16	18	6 47			Δ						
5	8 52	9 6	3 0 17	32	8 52	♂ Δ ♄			☐	♊			*	
6	8 59	9 5	3 35 18	46	10 56		*						*	
7	9 6	9 3	4 10 20	1	13 0	♄ ☐ h								
8	9 13	9 1	4 45 21	15	15 4				Δ			♂		☐
9	9 19	8 59	5 20 22	29	17 7	☉ ♂ ♀	☐	♊				♂	☐	
10	9 26	8 56	5 56 23	43	19 8	♀ ☐ ♄				Δ				
11	9 33	8 54	6 31 24	57	21 9	♀ ☐ h	Δ							Δ
12	9 39	8 51	7 6 26	11	23 8	♂ ☐ ♄							Δ	
13	9 46	8 48	7 42 27	25	25 6	♀ ☐ h			♊	☐	*			
14	9 52	8 45	8 18 28	39	27 3			Δ						
15	9 59	8 42	8 54 29	53	28 59	h ∠ h				*	☐			
16	10 5	8 38	9 31	1 m 7	0 m 54	♂ ♂ ♀	♊	☐				♊	♊	
17	10 12	8 35	10 7	2 21	2 47	☉ ☐ h		*	Δ			Δ		
18	10 18	8 31	10 44	3 35	4 39	☉ ∠ h		*		☐	♂			
19	10 24	8 27	11 21	4 49	6 29					☐				
20	10 30	8 23	11 58	6 4	8 18		Δ							
21	10 36	8 18	12 36	7 19	10 5	♀ * h			*			♊	Δ	Δ
22	10 42	8 14	13 14	8 33	11 51		☐	♂						
23	10 48	8 9	13 51	9 47	13 36	♂ * ♂				*			☐	☐
24	10 54	8 4	14 28	11 1	15 20	♀ * h								
25	10 59	7 59	15 6	12 16	17 2		*		♂	☐				
26	11 5	7 54	15 44	13 30	18 43				*			Δ	*	*
27	11 11	7 49	16 22	14 44	20 23			*						
28	11 17	7 43	17 0	15 58	20 1						Δ	☐		
29	11 23	7 37	17 38	17 12	23 38			☐						
30	11 28	7 32	18 17	18 27	25 14	h Δ ♀	♂		*				*	♂
31	11 34	7 26	18 56	19 41	26 48	♀ P ♄		Δ				*	♂	

AUGUST XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	08 17	18 N42	08 40	22 N31	18 28	2 N17
4	15	48	0 17	18 43	0 40	22 30	1 29	2 16
7	15	49	0 17	18 43	0 40	22 29	1 30	2 13
10	15	49	0 17	18 44	0 40	22 27	1 30	2 10
13	15	50	0 17	18 45	0 40	22 26	1 31	2 6
16	15	50	0 17	18 45	0 40	22 25	1 32	2 1
19	15	51	0 17	18 46	0 40	22 23	1 33	1 56
22	15	51	0 17	18 46	0 40	22 22	1 34	1 50
25	15	52	0 17	18 46	0 40	22 21	1 34	1 44
28	15	53	0 17	18 47	0 40	22 19	1 35	1 37
31	15	53	0 17	18 47	0 40	22 18	1 35	1 29

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	F	8 41 7	9 20 25	17 N56	16 23 31	4 N25	20 N 7	24 43
2	S	8 45 3	10 17 53	17 41 28	53	3 48	15 26	24 44
3	S	8 49 0	11 15 22	17 25 11	m 3	3 110	13 24	24 45
4	M	8 52 56	12 12 52	17 9 23	1	2 6	4 42	24 46
5	Tu	8 56 53	13 10 23	16 53 4	52	1 6	0 S55	24 46
6	W	9 0 50	14 7 54	16 36 16	39	0 4	6 30	24 47
7	Th	9 4 46	15 5 27	16 19 28	27	0 S59	11 51	24 48
8	F	9 8 43	16 3 0	16 2 10	m 21	2 0	16 50	24 49
9	S	9 12 39	17 0 34	15 45 22	26	2 56	21 14	24 50
10	S	9 16 36	17 58 9	15 28 4	f 47	3 46	24 49	24 51
11	M	9 20 32	18 55 45	15 10 17	29	4 26	27 17	24 52
12	Tu	9 24 29	19 53 21	14 52 0	w 36	4 53	28 21	24 53
13	W	9 28 25	20 50 59	14 33 14	10	5 6	27 46	24 54
14	Th	9 32 22	21 48 38	14 15 28	10	5 0	25 27	24 55
15	F	9 36 19	22 46 19	13 56 12	m 33	4 36	21 28	24 56
16	S	9 40 15	23 44 0	13 37 27	14	3 53	16 5	24 57
17	S	9 44 12	24 41 43	13 18 12	* 5	2 54	9 43	24 58
18	M	9 48 8	25 39 27	12 59 26	57	1 43	2 48	25
19	Tu	9 52 5	26 37 13	12 39 11	r 43	0 26	4 N15	25
20	W	9 56 1	27 35 0	12 19 26	17	0 N53	10 59	25
21	Th	9 59 58	28 32 50	11 59 10	x 36	2 7	17 1	25
22	F	10 3 54	29 30 41	11 39 24	38	3 11	22 2	25
23	S	10 7 51	0 m 28	33 11 19	8 U 21	4 4	25 43	25
24	S	10 11 48	1 26 28	10 58 21	48	4 41	27 53	25
25	M	10 15 44	2 24 24	10 38 4	55	5 3	28 25	25
26	Tu	10 19 41	3 22 22	10 17 17	55	5 9	27 22	25
27	W	10 23 37	4 20 22	9 56 0	S 37	4 59	24 54	25
28	Th	10 27 34	5 18 24	9 34 13	8	4 36	21 17	25
29	F	10 31 30	6 16 28	9 13 25	27	3 59	16 48	25
30	S	10 35 27	7 14 33	8 52 7	m 36	3 13	11 42	25
31	S	10 39 23	8 12 40	8 30 19	36	2 18	6 14	25

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 S 55	12 S 36	1 N 15	18 N 14	1 N 11	21 N 12	18 r 52
4	0 58	13 14	1 18	17 12	1 30	20 3	18 43
7	1 0	13 52	1 21	16 6	1 41	18 33	18 33
10	1 2	14 29	1 23	14 56	1 46	16 46	18 24
13	1 4	15 7	1 24	13 42	1 44	14 48	18 14
16	1 6	15 44	1 25	12 25	1 37	12 40	18 5
19	1 8	16 20	1 26	11 5	1 26	10 28	17 55
22	1 10	16 56	1 26	9 42	1 10	8 12	17 46
25	1 12	17 32	1 25	8 16	0 52	5 56	17 36
28	1 14	18 6	1 24	6 49	0 32	3 40	17 27
31	1 16	18 40	1 22	5 20	0 10	1 26	17 17

D M	h Long.	♄ Long.	♂ Long.	♀ Long.	♀ Long.	Mutual Aspts.	Lunar Aspects.					
	° /	° /	° /	° /	° /		☉	☿	♄	♂	♀	♂
1	8 55 24	9 r 10	0 m 42	12 52 36	0 52 36	☉ Δ ♄						♂
2	8 31	9 R 10	1 16 13	50 2 39			☐			*		
3	8 38	9 9	1 51 15	4 4 43				*				
4	8 45	9 8	2 25 16	18 6 47			Δ					
5	8 52	9 6	3 0 17	32 8 52	♂ Δ ♄			☐	♂			*
6	8 59	9 5	3 35 18	46 10 56			*					*
7	9 6	9 3	4 10 20	1 13 0	♄ ☐ h							
8	9 13	9 1	4 45 21	15 15 4				Δ		♂		☐
9	9 19	8 59	5 20 22	29 17 7	☉ ♂ ♀		☐	♂			☐	
10	9 26	8 56	5 56 23	43 19 8	♀ ☐ ♄				Δ			
11	9 33	8 54	6 31 24	57 21 9	♀ ☐ h		Δ					Δ
12	9 39	8 51	7 6 26	11 23 8	♂ ☐ ♄						Δ	
13	9 46	8 48	7 42 27	25 25 6	♂ ☐ h			♂	☐	*		
14	9 52	8 45	8 18 28	39 27 3			Δ					
15	9 59	8 42	8 54 29	53 28 59	h ∠ h				*	☐		
16	10 5	8 38	9 31	1 m 7	0 m 54	♂ ♂ ♀	♂	☐			♂	♂
17	10 12	8 35	10 7	2 21 2	47	☉ ☐ h		*	Δ		Δ	
18	10 18	8 31	10 44	3 35 4	39	☉ ∠ h		*				
19	10 24	8 27	11 21	4 49 6	29				☐	♂		
20	10 30	8 23	11 58	6 4 8	18		Δ					
21	10 36	8 18	12 36	7 19 10	5	♂ * h			*		♂	Δ
22	10 42	8 14	13 14	8 33 11	51		☐	♂				Δ
23	10 48	8 9	13 51	9 47 13	36	♂ * ♂				*	☐	☐
24	10 54	8 4	14 28	11 1 15	20	♀ * h						
25	10 59	7 59	15 6	12 16 17	2		*		♂	☐		
26	11 5	7 54	15 44	13 30 18	43						Δ	*
27	11 11	7 49	16 22	14 44 20	23			*				*
28	11 17	7 43	17 0	15 58 20	1					Δ	☐	
29	11 23	7 37	17 38	17 12 23	38				☐			
30	11 28	7 32	18 17	18 27 25	14	h Δ ♀	♂		*			
31	11 34	7 26	18 56	19 41 26	48	♂ P ♄		Δ			*	♂

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	53	0 8 17	18 N 47	0 8 40	22 N 18	1 8 35	1 N 27
4	15	54	0 17	18 46	0 40	22 16	1 36	1 19
7	15	54	0 17	18 46	0 39	22 15	1 36	1 10
10	15	55	0 17	18 46	0 39	22 14	1 36	1 1
13	15	56	0 17	18 45	0 39	22 13	1 37	0 32
16	15	56	0 17	18 45	0 39	22 12	1 37	0 43
19	15	57	0 17	18 44	0 39	22 10	1 38	0 34
22	15	58	0 17	18 43	0 39	22 9	1 38	0 24
25	15	59	0 17	18 42	0 39	22 8	1 38	0 14
28	16	0	0 17	18 42	0 39	22 8	1 38	0 5

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	10 43 20	9 ^m 10 49	8 N 8	1 ^h 29	1 N 17	0 N 35	25 4
2	Tu	10 47 17	10 8 59	7 46 13	17 0	13 58	2 25	3 4
3	W	10 51 13	11 7 11	7 24 25	2 08	51 10	29 25	4
4	Th	10 55 10	12 5 24	7 2 6 ^m	50 1	53 15	35 25	4
5	F	10 59 6	13 3 39	6 40 18	43 2	51 20	9 25	3
6	S	11 3 3	14 1 55	6 17 0 ^f	47 3	42 23	57 25	3
7	S	11 6 59	15 0 13	5 55 13	7 4	24 26	46 25	3
8	M	11 10 56	15 58 33	5 32 25	46 4	55 28	19 25	2
9	Tu	11 14 52	16 56 54	5 9 8 ^w	49 5	12 28	21 25	2
10	W	11 18 49	17 55 16	4 47 23	20 5	12 26	44 25	1
11	Th	11 22 46	18 53 40	4 24 6 ^m	18 4	54 23	27 25	1
12	F	11 26 42	19 52 6	4 1 20	43 4	17 18	40 25	0
13	S	11 30 39	20 50 34	3 38 5 ^x	81 3	23 12	38 25	0
14	S	11 34 35	21 49 4	3 15 20	34 2	18 5	47 24	5
15	M	11 38 32	22 47 35	2 51 5 ^r	43 0	54 1 N 27	24 25	5
16	Tu	11 42 28	23 46 8	2 29 20	49 0	N 29 8	35 24	5
17	W	11 46 25	24 44 43	2 5 5 ^s	43 1	49 15	10 24	5
18	Th	11 50 21	25 43 21	1 42 20	19 3	1 20 45	24 24	5
19	F	11 54 18	26 42 1	1 19 4 ^Π	33 3	59 24	59 24	5
20	S	11 58 14	27 40 43	0 55 18	24 4	42 27	38 24	5
21	S	12 2 11	28 39 27	0 32 1 ^σ	51 5	7 28 34	24 24	5
22	M	12 6 8	29 38 13	0 9 14	56 5	16 27 52	24 24	5
23	Tu	12 10 4	0 ^Δ 37 2	0 8 15	27 42 5	9 25 41	24 24	5
24	W	12 14 1	1 35 53	0 38 10	Ω 12 4	48 22 19	24 24	4
25	Th	12 17 57	2 34 46	1 2 22	28 4	18 18 1	24 24	4
26	F	12 21 54	3 33 41	1 25 4 ^m	34 3	28 13 4	24 24	4
27	S	12 25 50	4 32 39	1 48 16	32 2	33 7 40	24 24	4
28	S	12 29 47	5 31 39	2 12 28	24 1	33 2 3	24 24	4
29	M	12 33 42	6 30 41	2 35 10	Δ 12 0	29 38 36	24 24	4
30	Tu	12 37 40	7 29 44	2 59 21	59 0	8 37 9	24 24	4

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	18 16	18 51	1 N 21	4 N 50	0 N 3	0 N 42	17 r 13
4	1 17	19 24	1 18	3 20	0 S 21	1 S 29	17 4
7	1 18	19 56	1 15	1 48	0 45	3 34	16 54
10	1 19	20 27	1 11	0 16	1 10	5 35	16 45
13	1 20	20 56	1 7	1 S 17	1 34	7 30	16 35
16	1 21	21 24	1 2	2 49	1 58	9 18	16 26
19	1 22	21 51	0 57	4 21	2 21	10 58	16 16
22	1 23	22 16	0 51	5 52	2 43	12 28	16 7
25	1 24	22 40	0 45	7 23	3 2	13 46	15 57
28	1 25	23 2	0 39	8 52	3 17	14 49	15 48

D M	\hbar	γ	δ	ζ	η	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		\odot	\hbar	γ	δ	ζ	η
	° ' "	° ' "	° ' "	° ' "	° ' "							
1	11 39	7 r 19	19 m 35	20 m 55	28 m 21	δ P \hbar				δ		σ
2	11 44	7 R 13	20 14	22 10	29 53				\square			
3	11 49	7 7 20	53 23	24 1	25							
4	11 54	7 0 21	32 24	39 2	55	$\odot * \hbar$			Δ			
5	11 59	6 53 22	11 25	53 4	23		*				σ	
6	12 4	6 47 22	51 27	7 5	50			δ		Δ		*
7	12 9	6 40 23	31 28	22 7	16	$\zeta \delta \gamma$	\square					*
8	12 14	6 33 24	11 29	36 8	40	ζ P γ					\square	
9	12 18	6 26 24	51 0	50 10	3	$\delta \delta \hbar$			δ	\square		\square
10	12 23	6 19 25	31 2	5 11	24		Δ	Δ			*	
11	12 27	6 12 26	11 3	19 12	45	$\zeta \square \hbar$				*		Δ
12	12 32	6 5 26	51 4	33 14	5			\square			\square	
13	12 36	5 57 27	31 5	47 15	23	$\zeta \delta \gamma$			Δ			
14	12 40	5 50 28	11 7	1 16	39		δ	*				
15	12 45	5 42 28	52 8	16 17	54				\square	σ	Δ	δ
16	12 49	5 34 29	33 9	30 19	6	$\zeta \square \hbar$						δ
17	12 53	5 26 0	14 10	44 20	17	$\odot \Delta \hbar$			*			
18	12 57	5 18 0	55 11	5 21	26		Δ	σ				
19	13 1	5 10 1	36 13	13 22	33	$\zeta \square \hbar$				*	δ	
20	13 4	5 2 2	17 14	27 23	38						Δ	Δ
21	13 8	4 54 2	58 15	41 24	41	\odot P γ	\square			σ	\square	
22	13 12	4 46 3	40 16	56 25	42							\square
23	13 16	4 38 4	21 18	10 26	39	$\delta \Delta \gamma$	*	*				\square
24	13 19	4 30 5	2 19	24 27	35					Δ	Δ	
25	13 23	4 22 5	44 20	39 28	28	$\zeta \angle \delta$		\square				*
26	13 26	4 14 6	26 21	53 29	17						\square	*
27	13 29	4 6 7	8 23	7 0 m	3	$\odot \delta \gamma$			*			
28	13 32	3 58 7	51 24	22 0	44		σ	Δ		δ		
29	13 34	3 50 8	33 25	36 1	21				\square	*		
30	13 37	3 42 9	15 26	50 1	54							

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 S 17	18 N 40	0 S 39	22 N 7	1 S 38	0 S 5
4	16	2	0 17	18 39	0 39	22 6	1 38	0 14
7	16	3	0 17	18 38	0 39	22 5	1 38	0 23
10	16	4	0 17	18 37	0 39	22 5	1 37	0 32
13	16	5	0 17	18 35	0 39	22 4	1 37	0 41
16	16	5	0 17	18 34	0 38	22 4	1 37	0 42
19	16	6	0 17	18 32	0 38	22 4	1 36	0 50
22	16	7	0 17	18 31	0 38	22 4	1 36	1 0
25	16	8	0 17	18 29	0 38	22 4	1 35	1 10
28	16	9	0 17	18 27	0 38	22 4	1 35	1 19
31	16	9	0 17	18 26	0 38	22 4	1 34	1 21

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		☾ Long.		☾ Lat.		☾ Declin		☾ Long.	
		H. M. S.		° / ' "		° / ' "		° / ' "		° / ' "		° / ' "		° / ' "	
1	W	12 41 37	8 28 50	3 S 22	3 m 47	1 S 40	14 S 22	24 S 30							
2	Th	12 45 33	9 27 58	3 45 15	38	2 40 19	5	24 S 30							
3	F	12 49 30	10 27 8	4 9 27	35	3 34 23	6	24 S 37							
4	S	12 53 26	11 26 19	4 32 9	42	4 18 26	11	24 S 35							
5	S	12 57 23	12 25 33	4 55 22	2	4 52 28	5	24 S 54							
6	M	13 1 19	13 24 48	5 18 4	39	5 12 28	35	24 S 31							
7	Tu	13 5 16	14 24 5	5 41 17	37	5 18 27	33	24 S 38							
8	W	13 9 12	15 23 23	6 4 0	59	5 6 24	56	24 S 2							
9	Th	13 13 9	16 22 43	6 27 14	47	4 37 20	50	24 S 2							
10	F	13 17 6	17 22 6	6 50 29	2	3 51 15	25	24 S 2							
11	S	13 21 2	18 21 30	7 12 13	40	2 48 9	0	24 S 2							
12	S	13 24 59	19 20 56	7 35 28	39	1 32 1	57	24 S 2							
13	M	13 28 55	20 20 23	7 57 13	49	0 9 5	N 19	24 S 15							
14	Tu	13 32 52	21 19 53	8 20 29	3	1 N 15	12 19	24 S 15							
15	W	13 36 48	22 19 25	8 42 14	10	2 33 18	32	24 S 14							
16	Th	13 40 45	23 18 59	9 4 29	1	3 39 23	31	24 S 12							
17	F	13 44 41	24 18 35	9 26 13	30	4 30 26	54	24 S 10							
18	S	13 48 38	25 18 14	9 48 27	33	5 2 28	28	24 S 8							
19	S	13 52 35	26 17 54	10 10 11	5	5 17 28	15	24 S 6							
20	M	13 56 31	27 17 37	10 31 24	16	5 14 26	15	24 S 4							
21	Tu	14 0 28	28 17 22	10 53 7	1	4 55 23	17	24 S 2							
22	W	14 4 24	29 17 10	11 14 19	26	4 23 19	10	24 S 0							
23	Th	14 8 21	0 m 16	11 35 1	36	3 40 14	20	23 S 57							
24	F	14 12 17	1 16 51	11 56 13	34	2 48 9	3	23 S 35							
25	S	14 16 14	2 16 45	12 17 25	25	1 49 3	29	23 S 50							
26	S	14 20 10	3 16 41	12 37 7	12	0 46 2	S 10	23 S 51							
27	M	14 24 7	4 16 40	12 57 18	59	0 S 19	7 44	23 S 40							
28	Tu	14 28 4	5 16 40	13 18 0	48	1 24 13	4	23 S 40							
29	W	14 32 0	6 16 42	13 38 12	41	2 25 17	57	23 S 44							
30	Th	14 35 57	7 16 46	13 57 24	40	3 20 22	11	23 S 42							
31	F	14 39 53	8 16 52	14 17 6	47	4 6 25	30	23 S 30							

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 S 25	23 S 23	0 N 32	10 S 19	3 S 28	15 S 34	15 r 38
4	1 26	23 41	0 25	11 44	3 32	15 55	15 28
7	1 26	23 58	0 17	13 6	3 25	15 46	15 19
10	1 27	24 12	0 9	14 26	3 6	15 0	15 9
13	1 27	24 25	0 1	15 43	2 30	13 33	14 59
16	1 28	24 36	0 S 7	16 56	1 40	11 31	14 50
19	1 28	24 44	0 15	18 6	0 39	9 14	14 40
22	1 28	24 50	0 24	19 11	0 N 21	7 12	14 31
25	1 28	24 54	0 32	20 11	1 11	5 53	14 21
28	1 28	24 55	0 39	21 7	1 46	5 26	14 12
31	1 27	24 54	0 47	21 58	2 6	5 48	14 2

D M	h		♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♂	♀	♂	♀
	° /	° /	° /	° /	° /	° /							
1	13 40	3 r 35	9 f 57	28 5	2 m 23							♂	♂
2	13 42	3 R 27	10 39	29 19	2 46		☉ ☿ h			Δ			
3	13 45	3 19	11 22	0 m 33	3 3				♂		Δ		
4	13 48	3 11	12 5	1 47	3 15			*				♂	
5	13 50	3 3	12 47	3 1	3 19								
6	13 52	2 56	13 30	4 16	3 R 16		☉ ☿ h				☐	*	*
7	13 54	2 48	14 13	5 30	3 5			☐		♂			
8	13 56	2 40	14 56	6 44	2 47				Δ		*	☐	☐
9	13 58	2 32	15 39	7 58	2 21			Δ			*		
10	14 0	2 25	16 22	9 13	1 46				☐				Δ
11	14 2	2 17	17 5	10 27	1 2					Δ		☐	Δ
12	14 4	2 10	17 48	11 41	0 11				*		♂		
13	14 5	2 3	18 32	12 55	29 13					☐		Δ	
14	14 6	1 55	19 15	14 10	28 9		♀ Δ h	♂					♂
15	14 7	1 48	19 59	15 24	26 59					*		♂	
16	14 8	1 41	20 43	16 38	25 46				♂		*		
17	14 9	1 34	21 26	17 52	24 31		☉ ☿ ♀						
18	14 10	1 27	22 10	19 6	23 18			Δ		♂		☐	Δ
19	14 11	1 21	22 55	20 21	22 8		♀ * ♂			♂		♂	
20	14 12	1 14	23 39	21 35	21 1		♀ √ ♀	☐	*		Δ	Δ	☐
21	14 12	1 8	24 23	22 49	20 8								
22	14 13	1 2	25 7	24 3	19 13		♀ ♂ h		☐			Δ	☐
23	14 13	0 56	25 51	25 17	18 32			*					*
24	14 14	0 50	26 35	26 32	18 4		♀ √ ♂			*			
25	14 14	0 44	27 20	27 46	17 46				Δ		♂	☐	*
26	14 14	0 39	28 4	29 0	17 D 40		♀ ☐ h						
27	14 14	0 33	28 49	0 f 14	17 44		♀ Δ h						♂
28	14 R 13	0 28	29 34	1 28	18 2			♂				*	
29	14 13	0 23	0 w 19	2 42	18 27		♂ ☐ h			Δ			
30	14 12	0 18	1 3	3 56	19 1				♂		Δ		
31	14 11	0 13	1 48	5 10	19 45		♀ P h					♂	

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08	17	08	38	18	34
4	16	9	0	17	0	38	1	33
7	16	10	0	17	0	38	1	33
0	16	11	0	17	0	38	1	32
3	16	12	0	17	0	38	1	31
6	16	12	0	17	0	37	1	30
9	16	13	0	17	0	37	1	30
2	16	13	0	17	0	37	1	29
5	16	14	0	17	0	37	1	28
8	16	14	0	17	0	37	1	27

D M	D W	Sidereal		☉		☉		☽		☽		☽		M Long.
		Time.		Long.	Declin.	Long.	Declin.	Long.	Declin.	Long.	Declin.	Long.	Declin.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'	°
1	S	14	43	50	9	m	17	0	14	S	36	19	f	4
2	S	14	47	46	10	17	9	14	55	1	v	33	5	5
3	M	14	51	43	11	17	20	15	14	14	15	5	14	27
4	Tu	14	55	39	12	17	32	15	32	27	13	5	7	25
5	W	14	59	36	13	17	46	15	51	10	m	30	4	44
6	Th	15	3	33	14	18	1	16	9	24	7	4	4	17
7	F	15	7	29	15	18	18	16	26	8	x	6	3	9
8	S	15	11	26	16	18	36	16	44	22	27	2	1	4
9	S	15	15	22	17	18	56	17	1	7	r	7	0	44
0	M	15	19	19	18	19	17	17	18	22	2	0	N	38
1	Tu	15	23	15	19	19	40	17	34	7	u	5	1	57
2	W	15	27	12	20	20	4	17	51	22	8	8	8	21
3	Th	15	31	8	21	20	30	18	7	7	Π	1	4	6
4	F	15	35	5	22	20	58	18	22	21	37	4	46	27
5	S	15	39	2	23	21	27	18	38	5	u	48	5	7
6	S	15	42	58	24	21	58	18	53	19	32	5	10	27
7	M	15	46	55	25	22	31	19	7	2	Q	48	4	55
8	Tu	15	50	51	26	23	5	19	22	15	37	4	27	20
9	W	15	54	48	27	23	41	19	36	28	4	3	46	15
0	Th	15	58	44	28	24	19	19	49	10	m	13	2	56
1	F	16	2	41	29	24	59	20	3	22	9	1	59	4
2	S	16	6	37	0	f	25	40	15	3	u	58	0	57
3	S	16	10	34	1	26	23	20	28	15	44	0	S	6
4	M	16	14	31	2	27	8	20	40	27	31	1	9	11
5	Tu	16	18	27	3	27	54	20	52	9	m	24	2	10
6	W	16	22	24	4	28	41	21	3	21	25	3	5	21
7	Th	16	26	20	5	29	30	21	14	8	f	36	3	52
8	F	16	30	17	6	30	20	21	25	15	59	4	30	27
9	S	16	34	13	7	31	11	21	35	28	32	4	54	28
0	S	16	38	10	8	32	4	21	45	11	v	18	5	5

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	18 27	24 54	08 49	22 13	2 N 10	6 8 4	14 r 0
4	1 27	24 50	0 57	22 56	2 13	7 11	13 50
7	1 27	24 43	1 5	23 34	2 8	8 39	13 41
10	1 26	24 34	1 12	24 5	1 58	10 20	13 31
13	1 26	24 23	1 19	24 30	1 43	12 5	13 22
16	1 25	24 9	1 26	24 48	1 24	13 51	13 12
19	1 25	23 53	1 32	24 59	1 5	15 34	13 8
22	1 24	23 34	1 37	25 4	0 44	17 12	12 53
25	1 23	23 13	1 42	25 2	0 23	18 44	12 43
28	1 22	22 50	1 47	24 54	0 2	20 8	12 34

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☽	h	♈	♉	♊	♋
	°	'	°	'	°	'							
1	14 510	0 r 8	2 w 33	6 f 24	20 38								*
2	14 R 9	0 R 4	3 17	7 38	21 36								
3	14 8 0	0 4	2 8	8 52	22 40		*		♈				
4	14 7 29	* 56	4 47	10 6	23 49			Δ		*			□
5	14 6 29	52 5	32 11	20 25	3		□					*	
6	14 5 29	49 6	18 12	34 26	20	☉ Δ h		□					Δ
7	14 3 29	45 7	4 13	49 27	40	☉ □ ♈			Δ		*	□	
8	14 2 29	42 7	49 15	3 29	4		Δ	*			♈		
9	14 0 29	39 8	35 16	17 0 m 30	♈ □ ♈				□			□	
10	13 59 29	36 9	20 17	31 1	58							Δ	
11	13 57 29	33 10	6 18	45 3	27					*		Δ	♈
12	13 55 29	31 10	52 19	59 4	57	♈ ∠ ♈	♈	♈	*	*			
13	13 53 29	28 11	38 21	12 6	29								
14	13 51 29	25 12	23 22	26 8	1	♈ ∠ ☉						♈	
15	13 49 29	23 13	9 23	40 9	34	☉ ♈ ♈				□			Δ
16	13 47 29	21 13	54 24	54 11	7	♈ ♈ h	Δ	*	♈		♈		
17	13 44 29	20 14	40 26	8 12	41						Δ		
18	13 42 29	19 15	25 27	22 14	15	♈ Δ h							□
19	13 40 29	18 16	11 28	36 15	49	♈ * ♈	□	□				Δ	
20	13 37 29	17 16	57 29	50 17	24	♀ □ ♈			*				
21	13 34 29	17 17	43 1 w 3	18 58	☉ Δ ♈			Δ			Δ		*
22	13 31 29	16 18	29 2	17 20	33		*			♈		□	
23	13 28 29	16 19	15 3	31 22	7	♈ ♈ ♈			□		□		
24	13 25 29	D 16 20	1 4	45 23	42	♈ P ♈							
25	13 22 29	17 20	48 5	58 25	16				Δ		*		
26	13 18 29	17 21	34 7	12 26	51	♀ □ ♈		♈			*		
27	13 14 29	18 22	20 8	26 28	26	♈ Δ ♈	♈			Δ			♈
28	13 11 29	18 23	7 9	40 0 f 1	♈ Δ ♈								
29	13 7 29	19 23	53 10	53 1	35					□		♈	
30	13 4 29	21 24	39 12	7 3	10				♈			♈	

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	16	0 S 17	18 N 7	0 S 37	22 N 13	1 S 26	1 S 34
4	16	16	0 17	18 5	0 37	22 14	1 25	1 31
7	16	17	0 17	18 3	0 36	22 15	1 24	1 28
10	16	17	0 17	18 2	0 36	22 17	1 23	1 23
13	16	17	0 17	18 0	0 36	22 18	1 22	1 13
16	16	18	0 17	17 59	0 36	22 19	1 22	1 12
19	16	18	0 16	17 57	0 35	22 21	1 21	1 6
22	16	18	0 16	17 56	0 35	22 23	1 20	0 59
25	16	18	0 16	17 54	0 35	22 24	1 19	0 51
28	16	18	0 16	17 53	0 34	22 26	1 19	0 43
31	16	18	0 16	17 52	0 34	22 27	1 18	0 34

D M	D W	Sidereal Time.		☉ Long.		☉ Declin.		♃ Long.		♃ Lat.		♃ Declin.		♃ Long.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'	°	'
1	M	16	42	6	9	32	57	21	54	24	16	5	8	0	26
2	Tu	16	46	3	10	33	51	22	3	7	25	4	40	22	56
3	W	16	50	0	11	34	45	22	12	20	47	4	4	18	25
4	Th	16	53	56	12	35	41	22	20	4	23	3	13	12	54
5	F	16	57	53	13	36	37	22	27	18	13	2	11	6	40
6	S	17	1	49	14	37	34	22	34	2	17	1	0	0	N
7	S	17	5	46	15	38	32	22	41	16	35	0	N	17	6
8	M	17	9	42	16	39	30	22	47	1	6	1	33	13	19
9	Tu	17	13	39	17	40	29	22	53	15	45	2	43	19	10
10	W	17	17	36	18	41	29	22	59	0	27	3	43	23	54
11	Th	17	21	32	19	42	29	23	4	15	5	4	27	27	3
12	F	17	25	29	20	43	30	23	8	29	31	4	54	28	22
13	S	17	29	25	21	44	32	23	12	13	39	5	2	27	46
14	S	17	33	22	22	45	35	23	16	27	23	4	53	25	29
15	M	17	37	18	23	46	38	23	19	10	42	4	27	21	51
16	Tu	17	41	15	24	47	42	23	21	23	35	3	48	17	15
17	W	17	45	11	25	48	47	23	24	6	5	2	59	12	4
18	Th	17	49	8	26	49	53	23	25	18	17	2	4	6	32
19	F	17	53	5	27	50	59	23	27	0	14	1	3	0	52
20	S	17	57	1	28	52	7	23	27	12	4	0	1	4	S
21	S	18	0	58	29	53	15	23	28	23	50	1	S	1	10
22	M	18	4	54	0	54	23	23	27	5	40	2	1	15	19
23	Tu	18	8	51	1	55	33	23	27	17	37	2	56	19	55
24	W	18	12	47	2	56	43	23	26	29	45	3	43	23	45
25	Th	18	16	44	3	57	53	23	24	12	7	4	21	26	35
26	F	18	20	41	4	59	3	23	22	24	44	4	47	28	8
27	S	18	24	37	6	0	14	23	19	7	38	4	59	28	13
28	S	18	28	34	7	1	25	23	16	20	46	4	56	26	43
29	M	18	32	30	8	2	36	23	13	4	7	4	36	23	43
30	Tu	18	36	27	9	3	47	23	9	17	39	4	1	19	23
31	W	18	40	23	10	4	58	23	5	1	19	3	11	13	59

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen		2	3	Right Asc. of Meridian.			10	11	12	Ascen		2	3
H. M. S.			°	°	°	°		°	°	H. M. S.			°	°	°	°		°	°
0	0	0	0	10	24	28	13	14	3	1	51	37	0	11	19	17	23	5	26
0	3	40	1	11	25	28	46	14	4	1	55	27	1	12	20	18	11	6	26
0	7	20	2	12	26	29	25	15	5	1	59	17	2	13	21	18	51	7	26
0	11	0	3	13	27	0	14	16	6	2	3	8	3	14	21	19	30	8	1
0	14	41	4	14	28	0	49	17	6	2	8	59	4	15	22	20	9	8	1
0	18	21	5	15	29	1	25	17	7	2	10	51	5	15	23	20	48	9	2
0	22	3	6	16	29	2	7	18	8	2	14	44	6	16	24	21	37	10	3
0	25	43	7	17	30	3	43	19	9	2	18	37	7	17	24	23	8	11	4
0	29	23	8	18	1	3	26	19	10	2	22	31	8	18	25	22	47	11	5
0	33	4	9	19	2	4	4	20	10	2	26	25	9	19	26	23	28	12	6
0	36	45	10	20	3	4	41	21	11	2	30	20	10	20	27	24	8	13	7
0	40	26	11	22	4	5	19	22	12	2	34	16	11	21	27	24	48	13	8
0	44	8	12	23	4	5	58	23	13	2	38	13	12	22	28	25	28	14	9
0	47	50	13	24	5	6	36	23	14	2	42	10	13	23	29	26	8	15	10
0	51	32	14	25	6	7	14	24	15	2	46	8	14	24	30	26	48	15	11
0	55	14	15	26	7	7	53	24	16	2	50	7	15	25	0	27	29	16	11
0	58	5	16	27	8	8	32	25	16	2	54	7	16	26	1	28	10	17	12
1	2	40	17	28	9	9	10	26	17	2	58	7	17	27	2	28	51	18	13
1	6	23	18	29	9	9	47	26	18	3	2	8	18	28	3	29	32	19	14
1	10	7	19	30	10	10	25	27	19	3	6	9	19	29	4	29	13	20	15
1	13	51	20	1	11	11	5	28	20	3	10	12	20	30	5	0	54	20	16
1	17	35	21	2	12	11	43	29	20	3	14	15	21	0	5	1	36	21	17
1	21	20	22	3	12	12	23	29	21	3	18	19	22	1	6	2	17	22	18
1	25	6	23	4	13	13	0	30	22	3	22	23	23	2	7	3	59	23	19
1	28	52	24	5	14	13	39	1	23	3	26	29	24	3	8	3	41	24	20
1	32	38	25	6	15	14	18	2	24	3	30	35	25	4	8	4	23	25	21
1	36	25	26	7	16	14	56	3	25	3	34	41	26	5	9	5	5	26	21
1	40	12	27	8	16	15	35	3	26	3	38	49	27	6	10	5	47	28	22
1	44	0	28	9	17	16	14	4	26	3	42	57	28	7	11	6	30	27	23
1	47	48	29	10	18	16	53	4	27	3	47	6	29	8	12	7	12	28	24
1	51	37	30	11	19	17	32	5	28	3	51	15	30	9	13	7	54	29	25

Right Asc. of Meridian.			10	11	12	Ascen		2	3	Right Asc. of Meridian.			10	11	12	Ascen		2	3
H. M. S.			°	°	°	°		°	°	H. M. S.			°	°	°	°		°	°
3	51	15	0	9	12	7	54	28	25	6	0	0	0	7	7	0	0	23	23
3	55	25	1	10	13	8	37	29	26	6	4	22	1	8	8	0	45	24	24
3	59	36	2	11	14	9	20	30	27	6	8	46	2	9	9	1	30	25	25
4	3	48	3	12	15	10	3	1	28	6	13	5	3	10	9	2	15	26	26
4	8	0	4	13	16	10	47	1	29	6	17	26	4	11	10	3	0	27	27
4	12	13	5	14	16	11	30	2	30	6	21	48	5	11	11	3	45	27	28
4	16	36	6	15	17	12	13	3	0	6	26	9	6	12	12	4	30	28	29
4	20	40	7	15	18	12	56	4	1	6	30	30	7	13	13	5	15	29	29
4	24	55	8	16	19	13	40	5	2	6	34	51	8	14	13	6	0	30	30
4	29	10	9	17	20	14	24	6	3	6	39	11	9	15	14	6	44	1	1
4	33	26	10	18	20	15	8	6	4	6	43	31	10	16	15	7	29	2	2
4	37	43	11	19	21	15	53	7	5	6	47	51	11	17	16	8	14	3	3
4	41	59	12	20	22	16	36	8	6	6	52	11	12	18	17	9	59	3	4
4	46	16	13	21	23	17	19	9	7	6	56	31	13	19	18	9	43	4	5
4	50	34	14	22	24	18	4	10	8	7	0	50	14	20	18	10	27	5	6
4	54	52	15	23	25	18	49	11	9	7	5	8	15	21	19	11	11	6	7
4	59	10	16	24	26	19	33	12	10	7	9	26	16	22	20	11	56	6	8
5	3	29	17	25	26	30	17	12	11	7	13	44	17	23	21	12	40	7	9
5	7	49	18	26	27	31	1	13	12	7	18	1	18	24	22	13	24	8	10
5	12	9	19	27	28	32	46	14	13	7	22	18	19	25	23	14	8	9	11
5	16	29	20	27	28	32	31	15	13	7	26	34	20	26	23	14	52	10	12
5	20	49	21	28	29	33	16	16	14	7	30	50	21	26	24	15	36	10	13
5	25	9	22	29	30	34	0	17	15	7	35	5	22	27	25	16	30	11	14
5	29	30	23	30	31	34	45	17	16	7	39	20	23	28	26	17	4	12	14
5	33	51	24	1	3	25	30	18	17	7	43	34	24	29	27	17	47	13	15
5	38	12	25	2	3	26	15	19	18	7	47	47	25	30	28	18	30	14	16
5	42	34	26	3	3	27	0	20	19	7	52	0	26	1	29	19	13	15	17
5	46	55	27	4	4	27	45	20	20	7	56	13	27	2	29	19	57	15	18
5	51	17	28	5	5	28	30	21	21	8	0	24	28	3	30	20	40	16	19
5	55	38	29	6	6	29	15	22	22	8	4	35	29	4	1	21	23	17	20
6	0	0	30	7	7	30	0	23	23	8	8	45	30	5	2	22	5	18	21

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3	
H.	M.	S.	°	°	°	° /	°	°	H.	M.	S.	°	°	°	° /	°	°	
8	8	45	0	5	2	22, 6	18	21	10	8	23	0	2	25	12	28	11	20
8	12	54	1	6	3	22 48	19	22	10	12	12	1	3	26	13, 6	12	21	
8	17	8	2	7	3	23 30	19	23	10	16	0	2	3	26	13, 45	13	21	
8	21	11	3	8	4	24 13	20	24	10	19	48	3	4	27	14	25	14	23
8	25	19	4	9	5	24 55	21	25	10	23	35	4	5	28	15	4	14	23
8	29	26	5	10	6	25 37	22	26	10	27	23	5	6	29	15	43	15	24
8	33	31	6	10	6	26 19	23	27	10	31	8	6	7	29	16	21	16	25
8	37	37	7	11	7	27 1	23	28	10	34	54	7	8	m	17	0	17	26
8	41	41	8	12	8	27 43	24	28	10	38	40	8	9	1	17	39	18	27
8	45	45	9	13	9	28 24	25	29	10	42	25	9	10	2	18	17	19	28
8	49	48	10	14	9	29 6	26	29	10	46	9	10	10	3	18	55	19	29
8	53	51	11	15	10	29 47	26	1	10	49	53	11	11	3	19	34	20	30
8	57	53	12	16	11	0m, 28	27	2	10	53	37	12	12	4	20	13	21	1
9	1	53	13	17	12	1 9	28	3	10	57	20	13	13	4	20	51	22	2
9	5	53	14	18	13	1 50	29	4	11	1	3	14	14	5	21	30	23	4
9	9	53	15	18	13	2 31	29	5	11	4	46	15	15	6	22	8	24	5
9	13	53	16	19	14	3 12	3	6	11	8	28	16	16	6	22	46	24	6
9	17	50	17	20	15	3 53	1	7	11	12	10	17	17	7	23	24	25	7
9	21	47	18	21	16	4 32	2	8	11	15	22	18	17	8	24	2	26	8
9	25	44	19	22	17	5 12	3	9	11	19	34	19	18	9	24	40	27	9
9	29	40	20	23	17	5 53	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6 32	4	11	11	26	56	21	20	10	25	59	29	11
9	37	29	22	25	19	7 13	5	12	11	30	37	22	20	11	26	38	29	12
9	41	23	23	26	20	7 53	6	13	11	34	18	23	21	11	27	15	30	13
9	45	16	24	27	21	8 28	7	14	11	37	58	24	22	12	27	53	0	14
9	49	9	25	28	21	9 12	8	15	11	41	39	25	23	13	28	32	1	15
9	53	1	26	28	22	9 51	8	16	11	45	19	26	24	13	29	11	2	16
9	56	53	27	29	23	10 30	9	17	11	49	0	27	25	14	29	53	3	17
10	0	48	28	29	24	11 9	10	18	11	53	49	28	25	15	0, 25	4	18	18
10	4	33	29	1	24	11 48	10	19	11	56	20	29	26	15	1	11	5	20
10	8	28	30	2	25	12 28	11	20	12	0	0	30	27	16	1	47	6	21

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H. M. S.			°	°	°	°	°	°	H. M. S.			°	°	°	°	°	°
12 0 0	0	27	16	1	47	6	21	12 51 37	0	21	8	28	4	7	27		
12 3 40	1	29	17	2	33	7	22	12 55 17	1	22	9	28	53	9	29		
12 7 20	2	30	18	3	11	8	23	12 59 0	2	23	9	24	43	10	30		
12 11 0	3	m	18	3	49	9	24	14 3 8	3	24	10	25	31	11	1		
12 14 41	4	0	19	4	28	10	25	14 6 59	4	25	11	25	21	12	2		
12 18 21	5	1	20	5	7	10	26	14 10 51	5	26	12	27	13	14	4		
12 22 2	6	2	20	5	47	11	28	14 14 44	6	26	13	28	5	16	6		
12 25 48	7	3	21	6	27	12	29	14 18 37	7	27	13	28	56	17	7		
12 29 28	8	3	22	7	6	12	30	14 22 31	8	28	14	29	51	19	8		
12 33 4	9	4	23	7	46	14	1	14 26 25	9	29	15	0m	45	20	9		
12 37 45	10	5	23	8	26	15	2	14 30 20	10	30	16	1	40	21	11		
12 40 26	11	6	24	9	7	16	3	14 34 16	11	1	16	2	36	23	12		
12 44 8	12	7	25	9	46	17	5	14 38 13	12	1	17	3	32	24	13		
12 47 50	13	7	25	10	29	18	6	14 42 10	13	2	18	4	30	26	15		
12 51 32	14	8	26	11	11	19	7	14 46 8	14	3	19	5	28	28	16		
12 55 14	15	9	27	11	53	20	8	14 50 7	15	4	20	6	28	29	18		
12 58 57	16	10	27	12	35	21	9	14 54 7	16	5	21	7	28	30	19		
13 2 40	17	11	28	13	17	22	10	14 58 7	17	6	22	8	30	3	20		
13 6 23	18	11	29	14	0	23	12	15 2 8	18	7	23	9	33	4	21		
13 10 7	19	12	29	14	47	24	13	15 6 9	19	7	23	10	38	6	23		
13 13 51	20	13	30	15	27	25	14	15 10 12	20	8	24	11	44	8	24		
13 17 35	21	14	1	16	11	26	15	15 14 15	21	9	25	12	53	9	25		
13 21 20	22	15	2	16	54	27	17	15 18 19	22	10	26	14	0	11	27		
13 25 6	23	15	2	17	38	28	18	15 22 23	23	11	27	15	10	13	28		
13 28 52	24	16	3	18	25	m	19	15 26 29	24	12	28	16	21	15	29		
13 32 38	25	17	4	19	10	1	20	15 30 35	25	13	29	17	37	17	30		
13 36 25	26	18	5	19	57	2	22	15 34 41	26	14	30	18	53	19	3		
13 40 12	27	19	6	20	48	3	23	15 38 49	27	15	1	20	10	20	3		
13 44 0	28	20	7	21	39	4	24	15 42 57	28	16	2	21	28	22	4		

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.	10	11	12	Ascen W	3	3	Right Asc. of Meridian.	10	11	12	Ascen T	3	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
15 51 15	0	17	4	24 13	26	7	18 0 0	0	17	10	0 0	30	13
15 55 35	1	18	5	25 39	26	8	18 4 23	1	18	11	2 53	21	14
15 59 36	2	19	6	27 9	26	10	18 8 48	2	19	12	5 46	23	15
16 3 48	3	20	7	28 40	27	11	18 13 5	3	20	13	8 35	25	16
16 8 0	4	21	8	29 11	27	12	18 17 26	4	21	14	11 23	26	17
16 12 13	5	22	9	30 48	28	13	18 21 46	5	22	15	14 9	27	18
16 16 26	6	23	10	3 28	28	14	18 26 9	6	23	16	16 50	28	19
16 20 40	7	24	11	5 9	29	16	18 30 30	7	24	17	19 38	29	20
16 24 55	8	25	12	6 55	11	17	18 34 51	8	25	18	22 16	1	21
16 29 10	9	26	13	8 44	13	18	18 39 11	9	26	19	24 51	2	22
16 33 26	10	27	14	10 36	15	20	18 43 31	10	27	20	27 26	3	23
16 37 43	11	28	15	12 31	17	21	18 47 51	11	28	21	29 53	4	24
16 41 59	12	29	16	14 30	19	22	18 52 11	12	29	22	32 19	5	25
16 46 16	13	30	17	16 31	21	24	18 56 31	13	30	23	34 40	6	26
16 50 34	14	1	18	18 39	23	25	19 0 50	14	1	24	36 58	7	27
16 54 52	15	2	19	20 49	25	26	19 5 8	15	2	25	39 11	8	28
16 59 10	16	3	20	22 5	27	27	19 9 20	16	3	26	41 21	9	29
17 3 29	17	4	21	24 25	28	28	19 13 44	17	4	27	43 29	10	30
17 7 49	18	5	22	26 41	29	29	19 18 1	18	5	28	45 30	11	31
17 12 9	19	6	23	28 7	3	30	19 22 18	19	6	29	47 26	12	32
17 16 29	20	7	24	29 36	3	31	19 26 34	20	7	30	49 14	13	33
17 20 49	21	8	25	31 5	3	32	19 30 50	21	8	31	50 56	14	34
17 25 9	22	9	26	33 44	4	33	19 35 5	22	9	32	52 33	15	35
17 29 30	23	10	27	35 23	5	34	19 40 20	23	10	33	54 5	16	36
17 33 51	24	11	28	37 4	6	35	19 44 34	24	11	34	56 23	17	37
17 38 12	25	12	29	39 15	7	36	19 48 47	25	12	35	58 46	18	38
17 42 34	26	13	30	41 16	8	37	19 52 0	26	13	36	60 49	19	39
17 46 55	27	14	31	43 21	9	38	19 56 13	27	14	37	62 30	20	40
17 51 17	28	15	32	45 14	10	39	20 0 24	28	15	38	64 11	21	41
17 55 38	29	16	33	47 7	11	40	20 4 35	29	16	39	65 52	22	42
18 0 0	30	17	34	49 0	12	41	20 8 45	30	17	40	67 33	23	43

Right Asc. of Meridian.	10	11	12	Ascen II	3	3	Right Asc. of Meridian.	10	11	12	Ascen SS	3	3
H. M. S.	°	°	°	°	°	°	H. M. S.	°	°	°	°	°	°
20 8 45	0	23	3	5 47	26	13	23 8 23	0	23	23	6 56	23	9
20 12 54	1	24	4	7 10	28	14	23 12 12	1	24	24	7 44	25	10
20 17 3	2	25	5	8 33	29	15	23 16 0	2	25	25	8 31	27	11
20 21 11	3	27	6	9 50	30	16	23 19 48	3	27	26	9 17	29	12
20 25 19	4	28	7	11 7	32	17	23 23 35	4	28	27	10 3	31	13
20 29 26	5	29	8	12 23	33	18	23 27 22	5	29	28	10 50	33	14
20 33 31	6	30	9	13 30	34	19	23 31 8	6	30	29	11 35	35	15
20 37 37	7	31	10	14 40	35	20	23 34 54	7	31	30	12 22	37	16
20 41 41	8	32	11	15 0	36	21	23 38 40	8	32	31	13 6	39	17
20 45 45	9	33	12	16 8	37	22	23 42 25	9	33	32	13 49	41	18
20 49 48	10	34	13	17 16	38	23	23 46 9	10	34	33	14 33	43	19
20 53 51	11	35	14	18 23	39	24	23 49 53	11	35	34	15 17	45	20
20 57 53	12	36	15	19 30	40	25	23 53 37	12	36	35	16 0	47	21
21 1 58	13	37	16	20 38	41	26	23 57 20	13	37	36	16 43	49	22
21 5 53	14	38	17	21 46	42	27	24 0 1	14	38	37	17 26	51	23
21 9 53	15	39	18	22 53	43	28	24 4 46	15	39	38	18 9	53	24
21 13 53	16	40	19	24 0	44	29	24 8 26	16	40	39	18 49	55	25
21 17 50	17	41	20	25 30	45	30	24 12 10	17	41	40	19 31	57	26
21 21 47	18	42	21	26 36	46	31	24 15 53	18	42	41	20 12	59	27
21 25 44	19	43	22	27 34	47	32	24 19 34	19	43	42	20 53	61	28
21 29 40	20	44	23	28 30	48	33	24 23 15	20	44	43	21 34	63	29
21 33 36	21	45	24	29 15	49	34	24 26 56	21	45	44	22 14	65	30
21 37 30	22	46	25	30 0	50	35	24 30 37	22	46	45	22 53	67	31
21 41 28	23	47	26	30 45	51	36	24 34 18	23	47	46	23 32	69	32
21 45 16	24	48	27	31 31	52	37	24 37 59	24	48	47	24 10	71	33
21 49 0	25	49	28	32 16	53	38	24 41 39	25	49	48	24 48	73	34
21 52 51	26	50	29	33 0	54	39	24 45 19	26	50	49	25 26	75	35
21 56 40	27	51	30	33 45	55	40	24 49 0	27	51	50	26 3	77	36
21 60 30	28	52	31	34 30	56	41	24 52 40	28	52	51	26 39	79	37
21 64 20	29	53	32	35 15	57	42	24 56 20	29	53	52	27 15	81	38
21 68 10	30	54	33	36 0	58	43	25 0 0	30	54	53	27 50	83	39

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OF THE

PLANETS' PLACES

For 1857.

(REVISED AND CORRECTED.)



LONDON:

PRINTED AND PUBLISHED BY THE AUTHOR.

1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	18	08 16	17 N52	08 34	22 N28	18 18	08 31
4	16	18	0 16	17 51	0 34	22 29	1 17	0 21
7	16	18	0 16	17 50	0 33	22 31	1 16	0 11
10	16	18	0 16	17 49	0 33	22 32	1 16	0 0
13	16	18	0 16	17 49	0 32	22 33	1 15	0 N11
16	16	18	0 16	17 48	0 32	22 35	1 14	0 23
19	16	17	0 16	17 48	0 31	22 36	1 14	0 35
22	16	17	0 16	17 48	0 31	22 38	1 13	0 47
25	16	17	0 16	17 47	0 31	22 39	1 12	1 0
28	16	17	0 16	17 47	0 30	22 40	1 12	1 13
31	16	16	0 16	17 48	0 30	22 41	1 11	1 27

D M	D W	Sidereal Time.		☉ Long.		☉ Declin		♂ Long.		♂ Lat.		♂ Declin		♂ Long.	
		H.	M.	S.	°	'	"	°	'	°	'	°	'	°	'
1	Th	18	44	20	11	W	6 9	23	S 0	15	× 7	2	S 10	7	S 52
2	F	18	48	16	12		7 19	22	54	29	1	1 1	1 19	21	32
3	S	18	52	13	13		8 29	22	49	13	r 1	0	N 13	5	N 21
4	S	18	56	9	14		9 38	22	42	27	7	1	26	11	48
5	M	19	0	6	15		10 48	22	36	11	18	2	35	17	41
6	Tu	19	4	3	16		11 56	22	29	25	31	3	34	22	37
7	W	19	7	59	17		13 4	22	21	9	Π 46	4	19	26	12
8	Th	19	11	56	18		14 12	22	13	23	56	4	49	28	8
9	F	19	15	52	19		15 20	22	5	7	56	5	0	28	13
10	S	19	19	49	20		16 27	21	56	21	47	4	54	26	32
11	S	19	23	45	21		17 33	21	46	5	Ω 19	4	31	23	20
12	M	19	27	42	22		18 40	21	37	18	30	3	54	19	0
13	Tu	19	31	39	23		19 46	21	27	1	W 19	3	6	13	54
14	W	19	35	35	24		20 51	21	16	13	49	2	10	8	22
15	Th	19	39	32	25		21 56	21	5	26	1	1	9	2	38
16	F	19	43	28	26		23 1	20	54	8	△ 0	0	6	3	8
17	S	19	47	25	27		24 6	20	42	19	51	0	S 57	8	39
18	S	19	51	21	28		25 10	20	30	1	W 38	1	57	13	53
19	M	19	55	18	29		26 15	20	17	13	29	2	52	18	38
20	Tu	19	59	14	0	m	27 18	20	4	25	27	3	41	22	43
21	W	20	3	11	1		28 21	19	51	7	† 39	4	20	25	52
22	Th	20	7	8	2		29 24	19	37	20	7	4	47	27	52
23	F	20	11	4	3		30 26	19	23	2	W 55	5	2	28	27
24	S	20	15	1	4		31 27	19	9	16	3	5	0	27	28
25	S	20	18	57	5		32 27	18	54	29	31	4	43	24	53
26	M	20	22	54	6		33 27	18	39	13	16	4	8	20	49
27	Tu	20	26	50	7		34 25	18	24	27	14	3	19	15	33
28	W	20	30	47	8		35 23	18	8	11	× 21	2	16	9	25
29	Th	20	34	43	9		36 19	17	52	25	33	1	5	2	46
30	F	20	38	40	10		37 14	17	35	9	† 47	0	N 11	4	N 3
31	S	20	42	37	11		38 7	17	19	23	58	1	26	10	38

1857.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

3

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	18 7	16 S 1	18 48	16 S 12	28 6	23 S 24	10 r 46
4	1 6	15 14	1 42	14 56	1 59	22 20	10 36
7	1 5	14 26	1 36	13 39	1 43	21 4	10 26
10	1 4	13 37	1 29	12 15	1 21	19 38	10 17
13	1 2	12 47	1 22	10 50	0 50	18 5	10 7
16	1 0	11 55	1 13	9 23	0 13	16 31	9 57
19	0 58	11 3	1 3	7 54	0 N 33	15 7	9 48
22	0 56	10 9	0 52	6 24	1 25	14 3	9 38
25	0 54	9 15	0 41	4 52	2 18	13 29	9 29
28	0 52	8 20	0 29	3 19	3 3	13 29	9 19
31	0 50	7 25	0 16	1 46	3 31	14 0	9 10

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	10 54 42	1 r 41	19 m 38	21 m 0	24 v 2	☉ ♂ h	*	Δ					
2	10 R 37	1 48 20	25 22	12 25	40	♂ ☐ h	☐	*	♄				*
3	10 32	1 55 21	12 23	24 27	24	♂ ☐ h	☐		☐			*	☐
4	10 27	2 3 21	59 24	36 28	48	♀ ☐ h	Δ	*			*	*	☐
5	10 22	2 11 22	46 25	47 0 m 23		♀ ☐ h	Δ	*					
6	10 17	2 19 23	33 26	59 1	56	♀ * ♈		♄		*	☐	☐	Δ
7	10 12	2 27 24	20 28	10 3	28					*			
8	10 7	2 36 25	7 29	22 4	58	♂ ☐ h					Δ	Δ	
9	10 2	2 45 25	54 0 x 34	6 26				♄	☐				
10	9 57	2 54 26	41 1	45 7	53		♂ *						
11	9 52	3 3 27	28 2	56 9	17	☉ Δ h				Δ			♄
12	9 48	3 11 28	15 4	7 10	35			☐					
13	9 43	3 19 29	2 5	17 11	50	♀ P h					♄	♄	
14	9 38	3 28 29	49 6	28 13	1				*				
15	9 33	3 38 0 x 36	7 38	14 8			Δ	Δ					
16	9 29	3 48 1	23 8	49 15	8					☐	♄		
17	9 24	3 57 2	10 9	59 16	0	♀ Δ h							Δ
18	9 20	4 7 2	57 11	10 16	44		☐				Δ		
19	9 16	4 17 3	44 12	20 17	19				Δ			Δ	☐
20	9 12	4 27 4	31 13	30 17	46		*	♄					
21	9 8	4 37 5	18 14	40 18	1					Δ	☐		
22	9 4	4 47 6	5 15	50 18	3							☐	*
23	9 0	4 57 6	52 17	0 17 R 59					♄	☐	*		
24	8 56	5 7 7	39 18	9 17	42			Δ				*	
25	8 52	5 17 8	26 19	18 17	12	☉ * ♈	♄		*				
26	8 48	5 28 9	13 20	27 16	32	♂ Δ h							♄
27	8 44	5 39 10	0 21	36 15	42	♀ * h		☐					
28	8 40	5 50 10	47 22	45 14	44				Δ		♄		
29	8 36	6 1 11	34 23	54 13	38	☉ P h		*				♄	
30	8 32	6 12 12	20 25	2 12	28		*		☐	♄			*
31	8 28	6 23 13	7 26	10 11	16	☉ ♂ ♄							

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	16	08 16	17 N 48	08 30	22 N 42	18 11	1 N 31
4	16	15	0 16	17 48	0 29	22 43	1 11	1 4
7	16	15	0 15	17 48	0 29	22 44	1 10	2 0
10	16	14	0 15	17 49	0 29	22 45	1 9	2 15
13	16	14	0 15	17 49	0 28	22 45	1 9	2 50
16	16	13	0 15	17 50	0 28	22 46	1 8	2 45
19	16	12	0 15	17 51	0 27	22 47	1 8	3 1
22	16	12	0 15	17 52	0 27	22 48	1 7	3 11
25	16	11	0 15	17 53	0 26	22 49	1 7	3 31
28	16	10	0 15	17 55	0 26	22 49	1 7	3 47

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	20 46 33	12 ^m 38 59	17 S 2	8 8 6	2 N 35	16 N 40	218 5
2	M	20 50 30	13 39 50	16 44	22 10	3 35	21 47	21 5
3	Tu	20 54 26	14 40 40	16 27	6 ^h 9	4 22	25 39	21 6
4	W	20 58 23	15 41 28	16 9	20 1	4 52	27 57	21 6
5	Th	21 2 19	16 42 14	15 51	3 ^h 45	5 6	28 30	21 7
6	F	21 6 16	17 42 59	15 32	17 19	5 2	27 20	21 7
7	S	21 10 12	18 43 42	15 13	0 ^h 41	4 42	24 36	21 8
8	S	21 14 9	19 44 24	14 55	13 50	4 7	20 37	21 8
9	M	21 18 5	20 45 5	14 35	26 43	3 19	15 44	21 9
10	Tu	21 22 2	21 45 44	14 16	9 ^m 20	2 23	10 17	21 9
11	W	21 25 59	22 46 22	13 56	21 42	1 21	4 32	21 10
12	Th	21 29 55	23 46 59	13 36	3 ^h 51	0 16	18 17	21 10
13	F	21 33 52	24 47 34	13 16	15 48	08 49	6 58	21 11
14	S	21 37 48	25 48 9	12 56	27 39	1 51	12 22	21 11
15	S	21 41 45	26 48 41	12 35	9 ^m 27	2 48	17 19	21 12
16	M	21 45 41	27 49 13	12 14	21 18	3 39	21 37	21 12
17	Tu	21 49 38	28 49 43	11 54	3 ^h 16	4 20	25 5	21 13
18	W	21 53 35	29 50 13	11 32	15 27	4 50	27 29	21 13
19	Th	21 57 31	0 ^h 50 40	11 11	27 55	5 8	28 35	21 14
20	F	22 1 28	1 51 7	10 50	10 ^m 44	5 11	28 11	21 14
21	S	22 5 24	2 51 32	10 28	23 57	4 58	26 13	21 15
22	S	22 9 21	3 51 55	10 6	7 ^m 35	4 28	22 42	21 15
23	M	22 13 17	4 52 17	9 44	21 35	3 41	17 48	21 16
24	Tu	22 17 14	5 52 37	9 22	5 ^m 54	2 39	11 49	21 16
25	W	22 21 10	6 52 55	9 0	20 27	1 26	5 7	21 17
26	Th	22 25 7	7 53 11	8 37	5 ^h 6	0 7	1 N 55	21 17
27	F	22 29 4	8 53 26	8 15	19 46	1 N 13	8 52	21 18
28	S	22 33 0	9 53 38	7 52	4 ^h 21	2 28	15 18	21 18

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RAPHAEL'S ASTRONOMICAL EPHEMERIS.

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FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 S 49	7 S 6	0 S 11	1 S 15	3 N 38	14 S 15	9 r 7
4	0 47	6 10	0 N 2	0 N 19	3 36	15 8	8 57
7	0 46	5 14	0 17	1 52	3 19	16 3	8 48
10	0 44	4 17	0 32	3 25	2 52	16 51	8 38
13	0 42	3 21	0 48	4 56	2 14	17 28	8 29
16	0 40	2 24	1 4	6 27	1 35	17 54	8 19
19	0 38	1 26	1 21	7 57	0 59	18 6	8 10
22	0 36	0 30	1 38	9 24	0 25	18 8	8 0
25	0 34	0 N 27	1 56	10 50	0 S 7	17 54	7 50
28	0 32	1 24	2 13	12 14	0 36	17 28	7 41

D M	h	♄	♊	♀	♋	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♊	♋	♀
	° /	° /	° /	° /	° /							
1	8 25 24	6 r 34	13 x 53	27 x 18	10 m 2		☐	*	*	*	☐	
2	8 R 21	6 45 15	40 28	28 8 R 49			☐	☉	*	*	*	☐
3	8 17	6 56 15	27 29	34 7 39					*	*	Δ	
4	8 14	7 7 16	13 0 r 41	6 35	☉ ☿ ♀	Δ			☐	☐		
5	8 11	7 19 17	0 1 48	5 38	☉ P ♀			☉	☐	☐		
6	8 7	7 31 17	46 2 55	4 47				*		Δ		
7	8 4	7 43 18	33 4 2	4 0							Δ	♋
8	8 1	7 55 19	19 5 9	3 28			♋		Δ			
9	7 58	8 7 20	6 6 15	3 1	♄ ☐ h		☐					
10	7 55	8 19 20	52 7 21	2 42	☉ ☐ h			*				
11	7 53	8 31 21	39 8 27	2 30	☉ ☐ h		Δ		♋	♋		
12	7 50	8 43 22	25 9 32	2 28	☉ ☐ h			☐	♋			Δ
13	7 47	8 55 23	11 10 37	2 D 33	☉ ☐ h						♋	
14	7 45	9 8 23	58 11 42	2 39			Δ					☐
15	7 42	9 21 24	44 12 47	2 54				Δ				
16	7 40	9 34 25	30 13 52	3 16				♋		Δ		*
17	7 38	9 47 26	17 14 56	3 44			☐					
18	7 36	9 59 27	3 16 0	4 16					Δ		Δ	
19	7 34	10 12 27	49 17 4	4 53			*			☐		
20	7 32	10 25 28	36 18 7	5 35				♋	☐			
21	7 30	10 38 29	22 19 9	6 21				Δ		*	☐	
22	7 28	10 51 0 r	8 20 11	7 10					*	*		☉
23	7 26	11 4 0	54 21 13	8 2	☉ P ♀		☐		*	*	*	
24	7 25	11 17 1	40 22 15	8 57			☉	Δ				
25	7 24	11 30 2	26 23 16	9 55				*				
26	7 23	11 43 3	12 24 16	10 56	☉ Δ h			☐	☉		*	
27	7 22	11 56 3	58 25 17	12 0	☉ * h				☉	☉		
28	7 21	12 10 4	41 26 17	13 6			*	*				

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 15	17 N55	08 26	22 N49	18 6	3 N53
4	16	8	0 15	17 56	0 26	22 50	1 6	4 9
7	16	8	0 15	17 58	0 25	22 50	1 6	4 25
10	16	7	0 15	17 59	0 24	22 51	1 5	4 41
13	16	6	0 15	18 1	0 24	22 51	1 5	4 58
16	16	5	0 15	18 3	0 24	22 52	1 5	5 14
19	16	4	0 15	18 5	0 23	22 52	1 5	5 30
22	16	4	0 15	18 7	0 23	22 52	1 5	5 47
25	16	3	0 15	18 9	0 23	22 52	1 5	6 3
28	16	2	0 14	18 11	0 22	22 52	1 4	6 20
31	16	1	0 14	18 13	0 22	22 52	1 4	6 36

D M	D W	Sidereal Time.	☉		☉		♂		♂		♂ Long.
			Long.	Declin.	Long.	Lat.	Declin.	Long.	Lat.	Declin.	
		H. M. S.	°	'	°	'	°	'	°	'	°
1	♂	22 36 57	10 53 49	7 8 29	18 8 46	3 8 32	20 N49	21 8 31			
2	M	22 40 53	11 53 57	7 6 2	18 58	4 23 25	4 21 33				
3	Tu	22 44 50	12 54 4	6 43 16	55	4 57 27	44 21 35				
4	W	22 48 46	13 54 8	6 20 0	55 38	5 13 28	41 21 36				
5	Th	22 52 43	14 54 10	5 57 14	5 5	5 12 27	53 21 36				
6	F	22 56 39	15 54 10	5 34 27	17	4 54 25	32 21 40				
7	S	23 0 36	16 54 7	5 11 10	15	4 22 21	53 21 42				
8	♂	23 4 33	17 54 3	4 47 23	0	3 36 17	16 21 44				
9	M	23 8 29	18 53 56	4 24 5	33	2 41 11	59 21 46				
10	Tu	23 12 26	19 53 48	4 0 17	55	1 39 6	19 21 46				
11	W	23 16 22	20 53 38	3 37 0	3	0 34 0	30 21 50				
12	Th	23 20 19	21 53 25	3 13 12	4	0 8 33	5 8 17	21 52			
13	F	23 24 15	22 53 11	2 50 23	58	1 37 10	49 21 54				
14	S	23 28 12	23 52 55	2 26 5	48	2 37 15	56 21 56				
15	♂	23 32 8	24 52 37	2 2 17	37	3 30 20	28 21 58				
16	M	23 36 5	25 52 17	1 39 29	28	4 15 24	12 22 0				
17	Tu	23 40 1	26 51 56	1 16 11	26	4 48 26	56 22 3				
18	W	23 43 58	27 51 33	0 51 23	35	5 10 28	28 22 5				
19	Th	23 47 55	28 51 8	0 27 6	0	5 17 28	37 22 7				
20	F	23 51 51	29 50 41	0 4 18	46	5 10 27	16 22 10				
21	S	23 55 48	0 50 13	0 N20	1 55	4 46 24	24 22 12				
22	♂	23 59 44	1 49 43	0 44 15	30	4 6 20	7 22 14				
23	M	0 3 41	2 49 11	1 7 29	31	3 10 14	37 22 17				
24	Tu	0 7 37	3 48 37	1 31 13	57	2 1 8	10 22 19				
25	W	0 11 34	4 48 1	1 55 28	43	0 42 1	9 22 21				
26	Th	0 15 30	5 47 23	2 18 13	42	0 N41	6 N 3	22 23			
27	F	0 19 27	6 46 43	2 42 28	45	2 2 12	56 22 26				
28	S	0 23 24	7 46 1	3 5 13	44	3 14 19	3 22 29				
29	♂	0 27 20	8 45 16	3 28 28	32	4 12 23	56 22 32				
30	M	0 31 17	9 44 29	3 52 13	1	4 52 27	13 22 35				
31	Tu	0 35 13	10 43 40	4 15 27	9	5 14 28	39 22 38				

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	2	0 S 14	18 N 14	0 S 22	22 N 52	1 S 4	6 N 42
4	16	1	0 14	18 16	0 21	22 52	1 4	6 58
7	16	0	0 14	18 18	0 21	22 52	1 4	7 15
10	15	59	0 14	18 20	0 20	22 52	1 4	7 31
13	15	58	0 14	18 23	0 20	22 52	1 4	7 47
16	15	58	0 14	18 25	0 19	22 51	1 4	8 3
19	15	57	0 14	18 28	0 19	22 51	1 4	8 19
22	15	56	0 14	18 30	0 19	22 50	1 4	8 35
25	15	55	0 14	18 33	0 18	22 50	1 4	8 51
28	15	55	0 14	18 35	0 18	22 49	1 4	9 6

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	W	0 39 10	11 42 49	4 N 38	10 55 54	5 N 17	28 N 16	22 41
2	Th	0 43 6	12 41 55	5 1 24	16 5	2 26	14 22	44
3	F	0 47 3	13 40 59	5 24 7	18 4	32 22	51 22	47
4	S	0 50 59	14 40 1	5 47 20	1 3	49 18	27 22	50
5	S	0 54 56	15 39 0	6 10 2	30 2	57 13	20 22	53
6	M	0 58 53	16 37 57	6 33 14	45 1	56 7	48 22	56
7	Tu	1 2 49	17 36 52	6 55 26	51 0	52 2	3 22	59
8	W	1 6 46	18 35 45	7 18 8	50 0	S 14	3 S 43	23 2
9	Th	1 10 42	19 34 35	7 40 20	43 1	19 9	19 23	5
10	F	1 14 39	20 33 24	8 2 2	34 2	21 14	34 23	8
11	S	1 18 35	21 32 11	8 24 14	23 3	16 19	17 23	11
12	S	1 22 32	22 30 56	8 46 26	13 4	23 15	23 23	14
13	M	1 26 28	23 29 39	9 8 8	7 4	39 26	16 23	17
14	Tu	1 30 25	24 28 20	9 30 20	8 5	3 28	8 23	20
15	W	1 34 22	25 27 0	9 51 2	18 5	15 28	41 23	23
16	Th	1 38 18	26 25 38	10 12 14	43 5	12 27	49 23	27
17	F	1 42 15	27 24 14	10 33 27	24 4	54 25	30 23	30
18	S	1 46 11	28 22 49	10 54 10	27 4	20 21	48 23	33
19	S	1 50 8	29 21 22	11 15 23	54 3	32 16	54 23	36
20	M	1 54 4	0 19 54	11 36 7	47 2	30 10	58 23	40
21	Tu	1 58 1	1 18 23	11 56 22	6 1	16 4	18 23	43
22	W	2 1 57	2 16 51	12 17 6	49 0	N 4	2 N 46	23 46
23	Th	2 5 54	3 15 17	12 37 21	51 1	26 9	51 23	49
24	F	2 9 51	4 13 42	12 56 7	8 2	42 16	26 23	53
25	S	2 13 47	5 12 4	13 16 22	17 3	47 22	0 23	56
26	S	2 17 44	6 10 25	13 35 7	22 4	35 26	5 23	59
27	M	2 21 40	7 8 43	13 55 22	8 5	4 28	17 24	3
28	Tu	2 25 37	8 7 0	14 14 6	30 5	13 28	30 24	6
29	W	2 29 33	9 5 15	14 32 20	24 5	3 26	54 24	9
30	Th	2 33 30	10 3 27	14 51 3	50 4	36 23	47 24	13

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	08 9	10 N55	5 N17	23 N32	18 55	08 53	6 r 0
4	0 7	11 44	5 31	24 9	1 37	1 N40	5 50
7	0 5	12 31	5 43	24 40	1 17	4 21	5 41
10	0 3	13 18	5 51	25 5	0 50	7 6	5 31
13	0 1	14 3	5 59	25 24	0 21	9 53	5 22
16	0 N 1	14 47	6 3	25 34	0 N12	12 38	5 12
19	0 3	15 30	6 4	25 36	0 45	15 13	5 2
22	0 5	16 11	6 0	25 29	1 16	17 35	4 53
25	0 7	16 51	5 50	25 12	1 44	19 38	4 43
28	0 9	17 29	5 36	24 45	2 8	21 20	4 34

D M	h		♄		♂		♀		♀	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.	☉	☿			♄	♂	♀	♂			
	°	'	°	'	°	'	°	'	°	'							
1	7	54 48	19	38	28	49	22	33	2	8	♀ ♂ ♄	☐		♂		*	
2	7	51 19	53	29	34	23	5	4	3				*		☐	☐	
3	7	54 20	7	0	18	23	36	5	59								Δ
4	7	57 20	21	1	3	24	7	7	56	♂ ☐ ♄	Δ	☐		*	Δ	☐	
5	8	0 20	36	1	47	24	35	9	55					*		Δ	
6	8	3 20	50	2	31	25	2	11	55								
7	8	6 21	5	3	15	25	28	13	56				Δ				Δ
8	8	9 21	19	3	59	25	52	15	58	☉ P ♄			♂	☐			
9	8	12 21	34	4	43	26	14	18	2						♂		♂
10	8	15 21	48	5	27	26	34	20	7	☉ ♂ ♀				Δ		♂	
11	8	18 22	3	6	11	26	15	22	18	♀ ♂ ♄							
12	8	22 22	17	6	55	27	5	24	19	☉ ♂ ♄			♂				♂
13	8	26 22	32	7	39	27	17	26	25								
14	8	30 22	46	8	22	27	28	28	32	♂ * ♄	Δ				Δ		
15	8	34 23	1	9	6	27	38	0	38								Δ
16	8	38 23	15	9	50	27	46	2	45					♂		Δ	
17	8	42 23	30	10	33	27	51	4	51	♄ ∨ ♄	☐	Δ			☐	Δ	Δ
18	8	46 23	44	11	17	27	53	6	56						☐	☐	☐
19	8	50 23	58	12	1	27	54	9	0	♄ * ♀	*	☐		*		☐	*
20	8	54 24	13	12	44	27	51	11	3					Δ		*	*
21	8	58 24	27	13	28	27	47	13	5	♀ ♂ ♂			*				*
22	9	2 24	41	14	11	27	41	15	5					☐			
23	9	7 24	56	14	55	27	31	17	1	♄ P ♀					♂		
24	9	12 25	10	15	38	27	18	18	54			♂		*			
25	9	17 25	24	16	21	27	3	20	44				♂			♂	♂
26	9	22 25	39	17	5	26	45	22	32								
27	9	27 25	53	17	48	26	25	24	17	♄ ♂ ♀					*		
28	9	32 26	7	18	31	26	4	25	59	♀ ♂ ♀	*			♂			
29	9	37 26	22	19	14	25	41	27	36				*		☐	*	*
30	9	42 26	36	19	57	25	16	29	9	☉ * ♄							*

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	0 8 14	18 N 38	0 8 18	22 N 48	1 8 4	9 N 22
4	15	52	0 14	18 40	0 18	22 47	1 4	9 37
7	15	51	0 14	18 43	0 17	22 46	1 4	9 52
10	15	51	0 14	18 45	0 17	22 45	1 4	10 7
13	15	50	0 14	18 48	0 17	22 44	1 4	10 22
16	15	49	0 14	18 51	0 16	22 43	1 4	10 36
19	15	49	0 14	18 53	0 16	22 42	1 4	10 50
22	15	48	0 14	18 56	0 15	22 40	1 4	11 4
25	15	48	0 14	18 58	0 15	22 39	1 4	11 18
28	15	47	0 14	19 1	0 14	22 37	1 4	11 31
31	15	47	0 14	19 3	0 14	22 36	1 4	11 44

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	2 37 26	11 8 1 38	15 N 9	16 51	3 N 56	19 N 32	24 16
2	S	2 41 23	11 59 46	15 27	29 30	3 5 14	14 33	24 19
3	S	2 45 20	12 57 53	15 45	11 m 50	2 7 9	5 5	24 23
4	M	2 49 16	13 55 58	16 23	57 1	4 3 23	23	24 26
5	Tu	2 53 13	14 54 16	19 5	54	0 8 1	2 S 21	24 29
6	W	2 57 9	15 52 16	36 17	45 1	5 7 58	24 32	
7	Th	3 1 6	16 50 16	53 29	34 2	6 13 17	24 36	
8	F	3 5 2	17 47 58	17 9	11 m 23	3 1 18	7 24 39	
9	S	3 8 59	18 45 54	17 25	23 14	3 48 22	17 24 43	
10	S	3 12 55	19 43 48	17 41	5 f 9	4 26 25	32 24 46	
11	M	3 16 52	20 41 41	17 57	17 9	4 53 27	42 24 50	
12	Tu	3 20 49	21 39 33	18 12	29 18	5 6 28	34 24 54	
13	W	3 24 45	22 37 23	18 27	11 w 35	5 6 28	2 24 57	
14	Th	3 28 42	23 35 12	18 41	24 4	4 51 26	5 25 1	
15	F	3 32 38	24 33 0	18 55	6 m 48	4 21 22	48 25 5	
16	S	3 36 35	25 30 47	19 9	19 48	3 38 18	20 25 8	
17	S	3 40 31	26 28 32	19 23	3 x 8	2 42 12	53 25 12	
18	M	3 44 28	27 26 17	19 36	16 51	1 35 6	39 25 16	
19	Tu	3 48 24	28 24 1	19 49	0 r 56	0 21 0	N 4 25 19	
20	W	3 52 21	29 21 43	20 2	15 28	0 N 57	6 58 25 23	
21	Th	3 56 18	0 19 24	20 14	0 8 19	2 12 13	39 25 26	
22	F	4 0 14	1 17 4	20 26	15 24	3 20 19	39 25 30	
23	S	4 4 11	2 14 43	20 38	0 11 35	4 13 24	25 25 33	
24	S	4 8 7	3 12 21	20 49	15 42	4 49 27	29 25 37	
25	M	4 12 4	4 9 57	21 0	0 53 34	5 4 28	32 25 40	
26	Tu	4 16 0	5 7 33	21 10	15 4	4 59 27	34 25 44	
27	W	4 19 57	6 5 7	21 21	29 6	4 36 24	52 25 47	
28	Th	4 23 53	7 2 39	21 30	12 39	3 59 20	50 25 51	
29	F	4 27 50	8 0 11	21 40	25 44	3 9 15	55 25 54	
30	S	4 31 47	8 57 40	21 49	8 m 23	2 12 10	28 25 57	
31	S	4 35 43	9 55 9	21 57	20 43	1 10 4	45 26 1	

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RAPHAEL'S ASTRONOMICAL EPHEMERIS.

11

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	0 N 10	18 N 6	5 N 16	24 N 6	2 N 23	22 N 39	4 r 24
4	0 12	18 41	4 50	23 17	2 32	23 36	4 15
7	0 14	19 14	4 20	22 18	2 34	24 12	4 5
10	0 16	19 46	3 45	21 12	2 26	24 29	3 56
13	0 18	20 17	3 4	20 2	2 8	24 28	3 46
16	0 20	20 45	2 22	18 51	1 40	24 11	3 37
19	0 21	21 12	1 40	17 43	1 4	23 40	3 27
22	0 23	21 37	0 58	16 40	0 21	22 56	3 18
25	0 25	22 0	0 17	15 44	0 S 28	22 1	3 8
28	0 26	22 21	0 S 22	14 58	1 21	21 0	2 59
31	0 28	22 41	0 58	14 22	2 13	19 57	2 49

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌	♍
	° ' "	° ' "	° ' "	° ' "	° ' "									
1	9 54 47	26 r 50	20 8 40	24 8 48	1 11 39	☿ P h	☐					☐	☐	
2	9 52 27	5 21	23 24 18	2 5	☿ ☉ h		☐			Δ				☐
3	9 57 27	19 22	6 23 46	3 26	☿ P h		Δ		*					
4	10 2 27	33 22	49 23 12	4 43				Δ				Δ	Δ	
5	10 7 27	47 23	32 22 39	5 56					☐					Δ
6	10 13 28	1 24	14 22 5	7 4	☿ ☉ h									
7	10 19 28	15 24	57 21 29	8 8							Δ	☿		
8	10 25 28	29 25	39 20 52	9 8										
9	10 31 28	43 26	22 20 14	10 3			☿	☿					☿	☿
10	10 37 28	57 27	4 19 36	10 54	☿ ☉ ☉									☿
11	10 43 29	11 27	47 18 58	11 40										
12	10 49 29	25 28	29 18 20	12 21								Δ		
13	10 55 29	39 29	12 17 44	12 57							☿			Δ
14	11 1 29	53 29	54 17 9	13 29	☿ P ☉		Δ	Δ				☐	Δ	
15	11 7 0 8	7 0	11 36 16	13 56	☉ P h									
16	11 13 0	20 1	18 16 0	14 18	☉ ☉ h		☐	☐					☐	Δ
17	11 20 0	34 2	0 15 27	14 35	☉ ☉ h						*		☐	
18	11 26 0	47 2	42 14 54	14 47	☿ ☉ ☿					Δ			*	☐
19	11 32 1	1 3	24 14 24	14 55			*	*				*		
20	11 39 1	14 4	6 13 57	14 57					☐					*
21	11 45 1	28 4	48 13 21	14 55								☿		
22	11 52 1	41 5	30 13 10	14 49						*			☿	
23	11 58 1	55 6	12 12 49	14 38	☿ P h		☿	☿					☿	
24	12 4 2	8 6	54 12 30	14 22										☿
25	12 11 2	21 7	36 12 15	14 3	☿ ☉ h					*				
26	12 18 2	35 8	18 12 2	13 41						☿			*	
27	12 25 2	48 8	59 11 50	13 15				*			☐		*	
28	12 32 3	1 9	41 11 39	12 47			*					*	☐	*
29	12 39 3	14 10	23 11 33	12 17				☐						
30	12 46 3	27 11	4 11 28	11 45	☿ P h		☐		*	Δ		☐	Δ	☐
31	12 53 3	40 11	46 11 26	11 12	☿ ☉ ☿			Δ						

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	48	0 S 14	19 N 4	0 S 14	22 N 35	1 S 5	11 N 45
4	15	48	0 14	19 6	0 14	22 33	1 5	12 1
7	15	47	0 14	19 9	0 13	22 32	1 5	12 13
10	15	47	0 14	19 11	0 13	22 30	1 5	12 25
13	15	47	0 14	19 13	0 13	22 27	1 6	12 37
16	15	46	0 14	19 15	0 12	22 25	1 6	12 49
19	15	46	0 14	19 18	0 12	22 23	1 6	13 0
22	15	46	0 14	19 20	0 12	22 21	1 7	13 11
25	15	46	0 14	19 22	0 12	22 18	1 7	13 21
28	15	46	0 14	19 24	0 12	22 16	1 7	13 31

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♂ Long. ° ' "	♂ Lat. ° ' "	♂ Declin. ° ' "	♂ Long. ° ' "
1	M	4 39 40	10 52 36	22 N 6	2 47	0 N 6	18 1	26 4
2	Tu	4 43 36	11 50 22	22 14	14 41	0 S 57	6 40	26 7
3	W	4 47 33	12 47 27	22 21	26 30	1 57	12 3	26 11
4	Th	4 51 29	13 44 51	22 28	8 m 18	2 52	17 0	26 14
5	F	4 55 26	14 42 14	22 35	20 8	3 39	21 19	26 15
6	S	4 59 23	15 39 35	22 41	2 f 4	4 17	24 48	26 21
7	S	5 3 19	16 36 56	22 47	14 7	4 44	27 13	26 25
8	M	5 7 16	17 34 16	22 53	26 18	4 59	28 23	26 25
9	Tu	5 11 12	18 31 36	22 58	8 v 38	4 59	28 9	26 31
10	W	5 15 9	19 28 54	23 3	21 9	4 46	26 30	26 35
11	Th	5 19 5	20 26 13	23 7	3 m 50	4 18	23 29	26 35
12	F	5 23 2	21 23 31	23 11	16 43	3 36	19 17	26 41
13	S	5 26 58	22 20 48	23 14	29 50	2 43	14 5	26 41
14	S	5 30 55	23 18 5	23 17	13 x 12	1 40	8 9	26 47
15	M	5 34 52	24 15 22	23 20	26 50	0 29	1 42	26 50
16	Tu	5 38 48	25 12 38	23 21	10 r 48	0 N 44	4 N 57	26 53
17	W	5 42 45	26 9 55	23 24	25 4	1 57	11 31	26 57
18	Th	5 46 41	27 7 11	23 26	9 37	3 31	17 36	27 0
19	F	5 50 38	28 4 27	23 27	24 24	3 58	22 44	27 3
20	S	5 54 34	29 1 42	23 27	9 18	4 37	26 26	27 6
21	S	5 58 31	29 58 58	23 28	24 11	4 58	28 17	27 9
22	M	6 2 27	0 56 13	23 27	8 54	4 58	28 7	27 12
23	Tu	6 6 24	1 53 27	23 27	23 19	4 39	26 2	27 15
24	W	6 10 21	2 50 42	23 26	7 20	4 42	23 27	27 18
25	Th	6 14 17	3 47 55	23 24	20 54	3 16	17 38	27 21
26	F	6 18 14	4 45 9	23 22	4 m 1	2 18	12 12	27 24
27	S	6 22 10	5 42 22	23 20	16 42	1 16	6 25	27 27
28	S	6 26 7	6 39 35	23 18	29 4	0 11	0 33	27 30
29	M	6 30 3	7 36 47	23 14	11 9	0 S 53	5 S 13	27 33
30	Tu	6 34 0	8 33 59	23 11	23 4	1 53	10 44	27 36

JULY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 S 13	19 N 26	0 S 12	22 N 13	1 S 8	13 N 41
4	15	45	0 13	19 28	0 12	22 11	1 8	13 50
7	15	45	0 13	19 29	0 11	22 8	1 8	13 59
10	15	45	0 13	19 31	0 11	22 5	1 9	14 7
13	15	45	0 13	19 33	0 11	22 2	1 9	14 15
16	15	46	0 13	19 34	0 10	21 59	1 10	14 23
19	15	46	0 13	19 36	0 10	21 56	1 10	14 30
22	15	46	0 13	19 37	0 10	21 53	1 11	14 37
25	15	46	0 13	19 39	0 10	21 50	1 11	14 43
28	15	47	0 13	19 40	0 9	21 47	1 12	14 49
31	15	47	0 13	19 41	0 9	21 44	1 12	14 55

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	6 37 56	9 53 10	23 N 7	4 54	2 S 49	15 S 49	27 38
2	Th	6 41 53	10 28 21	23 3	16 43	3 36	20 18	27 41
3	F	6 45 50	11 25 32	22 58	28 37	4 15	24 1	27 44
4	S	6 49 46	12 22 43	22 53	10 38	4 43	26 48	27 47
5	S	6 53 43	13 19 54	22 48	22 50	4 58	28 14	27 49
6	M	6 57 39	14 17 4	22 42	5 13	5 0	28 21	27 52
7	Tu	7 1 36	15 14 15	22 35	17 49	4 47	27 1	27 55
8	W	7 5 32	16 11 26	22 29	0 37	4 19	24 15	27 58
9	Th	7 9 29	17 8 37	22 22	13 36	3 38	20 14	28 0
10	F	7 13 26	18 5 49	22 14	26 48	2 45	15 10	28 3
11	S	7 17 22	19 3 1	22 6	10 10	1 41	9 20	28 6
12	S	7 21 19	20 0 14	21 58	23 43	0 31	2 58	28 8
13	M	7 25 15	20 57 27	21 50	7 28	0 N 42	3 N 36	28 11
14	Tu	7 29 12	21 54 41	21 41	21 24	1 53	10 6	28 13
15	W	7 33 8	22 51 55	21 31	5 32	2 59	16 11	28 16
16	Th	7 37 5	23 49 11	21 22	19 50	3 54	21 28	28 18
17	F	7 41 1	24 46 27	21 11	4 17	4 35	25 31	28 21
18	S	7 44 58	25 43 43	21 1	18 48	4 58	27 57	28 23
19	S	7 48 55	26 41 1	20 50	3 17	5 3	28 28	28 25
20	M	7 52 51	27 38 19	20 39	17 38	4 48	27 3	28 27
21	Tu	7 56 48	28 35 37	20 28	1 45	4 16	23 56	28 29
22	W	8 0 44	29 32 57	20 16	15 33	3 29	19 31	28 31
23	Th	8 4 41	0 30 17	20 4	28 58	2 32	14 12	28 33
24	F	8 8 37	1 27 37	19 51	12 1	1 28	8 25	28 35
25	S	8 12 34	2 24 58	19 38	24 41	0 21	2 26	28 37
26	S	8 16 30	3 22 20	19 25	7 3	0 S 45	3 S 29	28 39
27	M	8 20 27	4 19 42	19 12	19 9	1 48	9 10	28 41
28	Tu	8 24 24	5 17 4	18 58	1 5	2 46	14 27	28 43
29	W	8 28 20	6 14 27	18 44	12 57	3 35	19 9	28 44
30	Th	8 32 17	7 11 51	18 29	24 48	4 16	23 7	28 46
31	F	8 36 13	8 9 15	18 15	6 45	4 46	26 9	28 48

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RAPHAEL'S ASTRONOMICAL EPHEMERIS.

15

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 43	24 N 9	3 S 38	15 N 34	2 S 13	20 N 43	1 r 10
4	0 45	24 7	3 41	16 4	1 38	21 38	1 0
7	0 47	24 3	3 42	16 36	1 0	22 26	0 51
10	0 48	23 58	3 41	17 8	0 23	23 4	0 41
13	0 49	23 50	3 38	17 40	0 N 12	23 25	0 32
16	0 50	23 41	3 33	18 11	0 43	23 24	0 22
19	0 52	23 30	3 28	18 41	1 9	23 0	0 13
22	0 53	23 17	3 22	19 9	1 28	22 11	0 3
25	0 54	23 3	3 15	19 36	1 41	21 1	29 x 54
28	0 55	22 47	3 7	19 58	1 47	19 32	29 44
31	0 56	22 29	2 58	20 18	1 46	17 48	29 35

D M	h		♄		♂		♀		♂		Mutual Aspts.	Lunar Aspects.									
	Long.		Long.		Long.		Long.		Long.			☉	☿	♈	♉	♊	♋	♌	♍	♎	
	°	'	°	'	°	'	°	'	°	'											
1	16	54	9	44	2	51	25	27	18	33	☉ * ♄	Δ					♊	Δ			
2	16	50	9	54	3	31	26	13	19	54				Δ							
3	16	58	10	5	4	11	27	0	21	18			♊						♊		
4	17	6	10	15	4	51	27	46	22	46	♀ ♂ ♄										
5	17	13	10	25	5	31	28	33	24	17											♊
6	17	21	10	35	6	11	29	21	25	52	♂ ♀ ♄					Δ	♊				
7	17	29	10	45	6	51	0	11	27	31	♀ ♀ ♄	♊		♊				♊			
8	17	37	10	55	7	31	1	2	29	13			Δ						Δ		
9	17	44	11	5	8	11	1	54	0	59	☉ ♀					□					
10	17	52	11	14	8	50	2	47	2	48	☉ ♂ ♄		□						□	Δ	
11	18	0	11	23	9	30	3	41	4	39							*	Δ			
12	18	7	11	32	10	10	4	38	6	33			Δ	*	Δ						
13	18	15	11	41	10	50	5	29	8	30								□	*	□	
14	18	23	11	50	11	29	6	24	10	30			□		□						
15	18	31	11	59	12	9	7	19	12	32	♂ ♂ ♂					♊	*				
16	18	38	12	8	12	49	8	14	14	35		*		*							*
17	18	46	12	17	13	28	9	10	16	40	♂ ♀ ♄		♊						♊		
18	18	54	12	25	14	8	10	6	18	46	♀ ♂ ♄										
19	19	2	12	33	14	47	11	3	20	53											
20	19	10	12	41	15	27	12	0	23	0					♊	*	♊			♊	
21	19	18	12	49	16	6	12	58	25	8	☉ * ♄	♊	♊	*							
22	19	25	12	57	16	46	13	56	27	15									*		
23	19	33	13	5	17	25	14	55	29	22	♂ * ♄		□								
24	19	41	13	13	18	5	15	54	1	29	♂ ♂ ☉					Δ			□		
25	19	48	13	20	18	44	16	53	3	35			Δ	*			*				
26	19	56	13	27	19	24	17	53	5	40		*									*
27	20	4	13	34	20	3	18	53	7	44	♂ ♂ ♄				□			□	Δ		
28	20	11	13	41	20	42	19	53	9	47	♀ ♀ ♄		□								
29	20	19	13	48	21	21	20	54	11	48							♊				□
30	20	27	13	55	22	0	21	55	13	48	♂ ♀ ♄		♊		Δ			Δ			
31	20	34	14	1	22	39	22	56	15	47	♀ ♀ ♄	Δ									

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
			°	'	°	'	°	'
1	15	48	08 13	19 N41	08 8	21 N43	18 13	14 N50
4	15	48	0 13	19 42	0 8	21 40	1 13	15 1
7	15	49	0 13	19 43	0 8	21 36	1 13	15 6
10	15	49	0 13	19 44	0 8	21 33	1 14	15 9
13	15	50	0 13	19 45	0 7	21 30	1 14	15 13
16	15	50	0 13	19 46	0 7	21 27	1 15	15 16
19	15	51	0 13	19 46	0 7	21 24	1 16	15 19
22	15	51	0 13	19 47	0 7	21 20	1 16	15 22
25	15	52	0 13	19 47	0 7	21 17	1 17	15 25
28	15	53	0 13	19 47	0 7	21 14	1 17	15 28
31	15	53	0 13	19 47	0 7	21 11	1 18	15 31

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	8 40 10	9Ω 6 40	18 N 0	18 7 50	5 S 3	28 S 1	28 40
2	S	8 44 6	10 4 5	17 44	1 0	5 7 28	34 28	51
3	M	8 48 3	11 1 32	17 29	13 42	4 56 27	40 29	52
4	Tu	8 51 59	11 58 59	17 13	26 31	4 31 25	17 28	54
5	W	8 55 56	12 56 27	16 59	9 37	3 50 21	33 29	55
6	Th	8 59 53	13 53 56	16 40	22 58	2 57 16	39 28	57
7	F	9 3 49	14 51 27	16 24	6 33	1 52 10	51 28	58
8	S	9 7 46	15 48 59	16 7	20 18	0 40 4	27 29	
9	S	9 11 42	16 46 32	15 49	4 13	0 N 35	2 N 13	29 1
10	M	9 15 39	17 44 6	15 32	18 15	1 49 8	50 29	
11	Tu	9 19 35	18 41 42	15 14	2 21	2 57 15	4 29	
12	W	9 23 32	19 39 19	14 56	16 31	3 54 20	32 29	
13	Th	9 27 29	20 36 58	14 38	0 43	4 37 24	50 29	
14	F	9 31 25	21 34 39	14 19	14 55	5 3 27	38 29	
15	S	9 35 22	22 32 20	14 1	29 3	5 11 28	38 29	
16	S	9 39 18	23 30 4	13 42	13 56	5 0 27	47 29	
17	M	9 43 15	24 27 49	13 23	27 0	4 31 25	12 29	
18	Tu	9 47 11	25 25 36	13 3	10 41	3 47 21	13 29	
19	W	9 51 8	26 23 24	12 44	24 7	2 51 16	11 29	
20	Th	9 55 4	27 21 13	12 24	7 16	1 47 10	31 29	
21	F	9 59 1	28 19 4	12 4	20 7	0 39 4	31 29	
22	S	10 2 57	29 16 57	11 44	2 40	0 S 30	1 S 31	
23	S	10 6 54	0 14 50	11 24	14 58	1 36 7	22 29	
24	M	10 10 51	1 12 46	11 3	27 3	2 36 12	51 29	
25	Tu	10 14 47	2 10 42	10 42	8 59	3 29 17	48 29	
26	W	10 18 44	3 8 40	10 22	20 51	4 13 22	3 29	
27	Th	10 22 40	4 6 39	10 1	2 43	4 46 25	24 29	
28	F	10 26 37	5 4 39	9 39	14 39	5 7 27	40 29	
29	S	10 30 33	6 2 40	9 18	26 46	5 15 23	40 29	
30	S	10 34 30	7 0 43	8 57	9 7	5 8 28	16 29	
31	M	10 38 26	7 58 48	8 35	21 44	4 47 26	25 29	

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 N 57	22 N 24	2 S 55	20 N 24	1 N 44	17 N 11	29 * 32
4	0 58	22 4	2 46	20 40	1 36	15 14	29 23
7	0 59	21 43	2 36	20 52	1 23	13 10	29 13
10	1 1	21 20	2 25	21 0	1 7	11 2	29 3
13	1 2	20 57	2 14	21 4	0 48	8 53	28 54
16	1 3	20 32	2 2	21 3	0 26	6 43	28 44
19	1 4	20 5	1 51	20 58	0 2	4 35	28 35
22	1 5	19 38	1 39	20 48	0 S 23	2 29	28 25
25	1 6	19 9	1 27	20 34	0 50	0 27	28 16
28	1 7	18 39	1 15	20 14	1 17	1 S 31	28 6
31	1 8	18 8	1 3	19 49	1 44	3 23	27 57

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	20 54 42	14 8	7 23 58	18 23	11 58	17 9 44							♌ Δ
2	20 50 14	13 23	57 25	0 19	40								
3	20 57 14	19 24	36 26	2 21	34	☉ ♌ ♀							
4	21 5 14	25 25	15 27	5 23	26	♀ ♀ ♀		Δ	♌			♌	
5	21 13 14	31 25	54 28	7 25	17		♌				□		
6	21 20 14	36 26	33 29	10 27	6	♀ ♀ ♀		□					♌
7	21 27 14	41 27	12 0 58	13 28	54	☉ ☐ ♀							Δ
8	21 34 14	46 27	51 1	17 0 40					Δ	*			
9	21 42 14	51 28	29 2	21 2	25	♀ * ♀		*				Δ	□
10	21 49 14	56 29	8 3	25 4	9	♌ * ♀	Δ		□				
11	21 56 15	1 29	47 4	29 5	51	☉ ♀ ♀						□	*
12	22 3 15	6 0 26	5 33	7 31				□		*	♌		
13	22 10 15	10 1	5 6	38 9	9			♌			*		
14	22 17 15	14 1	44 7	43 10	46								□
15	22 24 15	18 2	22 8	48 12	22		*						
16	22 31 15	22 3	0 9	54 13	56					*		♌	*
17	22 38 15	26 3	39 10	59 15	29	♀ Δ ♀		*	♌				
18	22 45 15	30 4	17 12	5 17	1							♌	
19	22 52 15	33 4	56 13	11 18	31		♌	□					
20	22 59 15	36 5	34 14	17 19	55								
21	23 6 15	39 6	13 15	24 21	26	♀ * ♀			*	Δ		*	♌
22	23 13 15	42 6	51 16	31 22	51	☉ ☐ ♀		Δ			*		
23	23 20 15	44 7	30 17	38 24	15								□
24	23 27 15	46 8	8 18	45 25	37		*		□				
25	23 33 15	48 8	47 19	52 26	58							□	
26	23 40 15	50 9	25 20	59 28	17				Δ	♌			Δ
27	23 47 15	52 10	3 22	6 29	35	♌ Δ ♀		□	♌				*
28	23 53 15	54 10	41 23	14 0 51		♀ ☐ ♀						Δ	
29	24 0 15	55 11	19 24	22 2	5	♀ ☐ ♀							□
30	24 7 15	56 11	57 25	30 3	17		Δ						
31	24 13 15	57 12	35 26	38 4	26	♀ ♀ ♀			♌	Δ		♌	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	53	08 13	19 N 47	08 7	21 N 10	18 18	15 N 23
4	15	54	0 13	19 47	0 6	21 7	1 19	15 23
7	15	54	0 14	19 47	0 6	21 4	1 19	15 23
10	15	55	0 14	19 47	0 6	21 1	1 20	15 21
13	15	56	0 14	19 47	0 6	20 58	1 20	15 19
16	15	56	0 14	19 47	0 5	20 55	1 20	15 17
19	15	57	0 14	19 46	0 5	20 53	1 21	15 14
22	15	58	0 14	19 46	0 5	20 50	1 21	15 11
25	15	59	0 14	19 45	0 4	20 48	1 21	15 7
28	16	0	0 14	19 44	0 4	20 45	1 22	15 3

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	10 42 23	8 ^m 56 53	8 N 13	4 ^m 42	48 10	23 S 9	29 ^a 18
2	W	10 46 20	9 55 1	7 51 18	1	3 20 18	37	29 ^a 18
3	Th	10 50 16	10 53 10	7 29	1 ^x 39	2 16 13	1	29 17
4	F	10 54 13	11 51 21	7 7 15	36	1 3 6	39	29 17
5	S	10 58 9	12 49 34	6 45 29	48	0 N 15	0 N 9	29 17
6	S	11 2 6	13 47 48	6 23 14	10	1 33 7	1	29 17
7	M	11 6 2	14 46 5	6 0 28	37	2 46 13	34	29 17
8	Tu	11 9 59	15 44 23	5 38 13	8	3 48 19	23	29 16
9	W	11 13 55	16 42 43	5 15 27	28	4 35 24	4	29 16
10	Th	11 17 52	17 41 6	4 52 11	11 44	5 5 27	15	29 16
11	F	11 21 49	18 39 31	4 29 25	51	5 17 28	40	29 16
12	S	11 25 45	19 37 58	4 7 9	54 5	5 9 28	14	29 16
13	S	11 29 42	20 36 27	3 44 23	28	4 44 26	5	29 15
14	M	11 33 38	21 34 58	3 20 6	57	4 4 22	29	29 15
15	Tu	11 37 35	22 33 31	2 57 20	12	3 11 17	47	29 15
16	W	11 41 32	23 32 6	2 34 3	13	2 9 12	20	29 14
17	Th	11 45 28	24 30 44	2 11 16	1	1 1 6	28	29 14
18	F	11 49 24	25 29 23	1 48 28	35	0 S 8	0	26 29 13
19	S	11 53 21	26 28 5	1 24 10	57	1 16	58 30	29 12
20	S	11 57 18	27 26 48	1 1 23	7	2 19 11	9	29 11
21	M	12 1 14	28 25 34	0 38 5	8	3 15 16	19	29 10
22	Tu	12 5 11	29 24 21	0 14 17	2	4 3 20	49	29 9
23	W	12 9 7	0 ^a 23 9	0 S 9	28 53	4 39 24	29	29 8
24	Th	12 13 4	1 22 0	0 33 10	44	5 4 27	5	29 7
25	F	12 17 0	2 20 53	0 56 22	40	5 16 28	31	29 6
26	S	12 20 57	3 19 47	1 20 4	44	5 14 28	36	29 5
27	S	12 24 53	4 18 43	1 43 17	2	4 58 27	18	29 4
28	M	12 28 50	5 17 40	2 6 29	38	4 27 24	36	29 3
29	Tu	12 32 47	6 16 39	2 30 12	35	3 43 20	36	29 1
30	W	12 36 43	7 15 41	2 53 25	56	2 45 15	28	29 0

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 8	17 N 57	0 S 59	19 N 40	1 S 54	3 S 57	27 * 55
4	1 9	17 25	0 47	19 4	2 20	5 37	27 44
7	1 10	16 52	0 36	18 33	2 46	7 7	27 34
10	1 11	16 18	0 24	17 53	3 10	8 23	27 25
13	1 12	15 43	0 12	17 8	3 29	9 24	27 15
16	1 13	15 7	0 1	16 18	3 46	10 3	27 6
19	1 14	14 30	0 N 11	15 25	3 53	10 16	26 56
22	1 15	13 53	0 20	14 27	3 54	9 56	26 47
25	1 16	13 15	0 29	13 25	3 40	8 57	26 37
28	1 17	12 36	0 38	12 20	3 5	7 21	26 28

D M	h	♈	♉	♊	♋	♌	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /	° /								
1	24 51 19	15 8 58	13 52 13	27 56 46	5 53 34				Δ					Δ
2	24 26 15	58 13	51 28	54 6	40 2	7 44	☉ ∠ h				□	♈		
3	24 32 15	59 14	29 0	52 2	7 44		♀ * h	□						
4	24 38 15	59 15	7 1	11 8	45			♈			*			
5	24 44 15	R 59 15	45 2	20 9	44		♈ □ ♈	*	Δ				Δ	
6	24 50 15	59 16	23 3	29 10	40		☉ P ♈					Δ		♈
7	24 55 15	58 17	1 4	38 11	33						□		□	
8	25 1 15	57 17	39 5	47 12	23		☉ Δ ♈	Δ			♈		□	
9	25 7 15	56 18	17 6	57 13	10			♈	*					
10	25 12 15	55 18	55 8	6 13	54			□					*	Δ
11	25 18 15	54 19	33 9	16 14	34		♀ □ ♈					*		
12	25 23 15	53 20	11 10	26 15	9						*			□
13	25 29 15	51 20	49 11	36 15	40			*	*	♈				
14	25 35 15	49 21	27 12	46 16	7								♈	
15	25 40 15	47 22	4 13	56 16	29		♈ P ♈				□	♈	*	
16	25 46 15	45 22	42 15	6 16	45			□						
17	25 51 15	43 23	20 16	17 16	55							Δ		
18	25 56 15	40 23	57 17	27 17	0		♀ * ♈	♈	Δ	*				
19	26 1 15	37 24	35 18	38 16	R 58		☉ * h							♈
20	26 6 15	34 25	13 19	49 16	49		☉ □ ♈			□		*	*	
21	26 11 15	31 25	50 20	59 16	83									
22	26 16 15	27 26	28 22	10 16	10		☉ Δ h	*			♈		□	
23	26 20 15	23 27	5 23	21 15	40			*	♈	Δ			□	
24	26 25 15	19 27	43 24	32 15	3									*
25	26 30 15	15 28	20 25	43 14	19		♀ □ h					Δ	Δ	
26	26 34 15	11 28	58 26	54 13	28		♈ □ h	□						
27	26 39 15	7 29	35 28	6 12	29							Δ		□
28	26 43 15	3 0	12 29	17 11	26		♀ □ h	Δ	Δ	♈				
29	26 48 14	58 0	40 0	29 10	20		♀ ♂ ♈				□			Δ
30	26 52 14	53 1	17 1	41 9	13			□				♈	♈	

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupitar.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	08 14	19 N 43	08 4	20 N 43	18 22	14 N 50
4	16	2	0 14	19 43	0 3	20 41	1 23	14 54
7	16	3	0 14	19 42	0 3	20 39	1 23	14 46
10	16	4	0 14	19 41	0 3	20 37	1 24	14 42
13	16	5	0 14	19 39	0 3	20 36	1 24	14 36
16	16	6	0 14	19 38	0 2	20 34	1 24	14 30
19	16	6	0 14	19 37	0 2	20 33	1 24	14 23
22	16	7	0 14	19 36	0 2	20 32	1 24	14 16
25	16	8	0 14	19 34	0 1	20 31	1 24	14 9
28	16	9	0 14	19 33	0 1	20 31	1 24	14 2
31	16	9	0 14	19 31	0 1	20 30	1 23	13 55

D	D	Sidereal		☉	☉	♄	♄	♄
M	W	Time.		Long.	Declin.	Long.	Lat.	Declin.
		H. M. S.		° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	12 40 40	8 14 44	3 S 16	9 43	18 35	9 S 24	28 56
2	F	12 44 36	9 18 49	3 40	23 54	0 18	2 42	28 57
3	S	12 48 33	10 12 55	4 3	8 25	1 N 2	4 N 17	28 55
4	S	12 52 29	11 12 5	4 26	23 12	2 19	11 10	28 54
5	M	12 56 26	12 11 16	4 49	8 6	3 27	17 29	28 52
6	Tu	13 0 22	13 10 29	5 12	23 0	4 22	22 45	28 51
7	W	13 4 19	14 9 44	5 35	7 46	4 58	26 31	28 49
8	Th	13 8 16	15 9 2	5 58	22 17	5 14	28 28	28 46
9	F	13 12 12	16 8 22	6 21	6 30	5 11	28 29	28 47
10	S	13 16 9	17 7 45	6 44	20 23	4 50	26 41	28 45
11	S	13 20 5	18 7 9	7 7	3 55	4 13	23 23	28 44
12	M	13 24 2	19 6 37	7 29	17 7	3 23	18 56	28 42
13	Tu	13 27 58	20 6 6	7 52	0 3	2 23	13 42	28 4
14	W	13 31 55	21 5 37	8 14	12 44	1 18	8 0	28 39
15	Th	13 35 51	22 5 12	8 37	25 12	0 11	2 4	28 37
16	F	13 39 48	23 4 48	8 59	7 29	0 8	57 38	28 35
17	S	13 43 44	24 4 26	9 21	19 38	2 0	9 33	28 33
18	S	13 47 41	25 4 6	9 43	1 40	2 58	14 51	28 31
19	M	13 51 38	26 3 49	10 4	13 35	3 47	19 33	28 2
20	Tu	13 55 34	27 3 33	10 26	25 28	4 26	23 27	28 27
21	W	13 59 31	28 3 19	10 48	7 18	4 54	26 22	28 25
22	Th	14 3 27	29 3 7	11 9	19 9	5 9	28 9	28 23
23	F	14 7 24	0 2 56	11 30	1 4	5 10	28 38	28 21
24	S	14 11 20	1 2 48	11 51	13 6	4 59	27 46	28 19
25	S	14 15 17	2 2 41	12 12	25 20	4 38	25 34	28 17
26	M	14 19 13	3 2 35	12 32	7 50	3 54	22 6	28 15
27	Tu	14 23 10	4 2 32	12 53	20 40	3 9	17 30	28 13
28	W	14 27 7	5 2 30	13 13	3 55	2 0	11 57	28 11
29	Th	14 31 3	6 2 29	13 33	17 37	0 48	5 38	28 8
30	F	14 35 0	7 2 30	13 53	1 48	0 N 28	1 N 9	28 6
31	S	14 38 56	8 2 33	14 12	16 25	1 45	8 5	28 4

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 18	11 N 57	0 N 47	11 N 12	2 S 17	5 S 16	26 x 18
4	1 18	11 18	0 56	10 0	1 18	3 5	26 8
7	1 19	10 38	1 4	8 46	0 19	1 16	25 59
10	1 20	9 57	1 10	7 29	0 N 40	0 9	25 49
13	1 20	9 16	1 16	6 10	1 20	0 N 8	25 40
16	1 21	8 35	1 22	4 49	1 48	0 S 21	25 30
19	1 22	7 53	1 27	3 26	2 1	1 27	25 21
22	1 23	7 11	1 31	2 3	2 5	2 59	25 11
25	1 23	6 29	1 35	0 38	2 1	4 47	25 2
28	1 24	5 47	1 37	0 S 48	1 52	6 44	24 52
31	1 25	5 5	1 39	2 13	1 37	8 44	24 43

D M	h ₂	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♃	♄	♅	♆	♁
	° /	° /	° /	° /	° /							
1	26 57	14 48	1 54	2 53	8 3				*			
2	27 14	14 43	2 32	4 5	6 55			*	Δ			
3	27 51	14 38	3 19	5 17	5 51	♀ √ ♀	♂					♂
4	27 9	14 32	3 56	6 29	4 51				□			
5	27 13	14 26	4 33	7 41	3 57	♂ √ ♂				♂	Δ	Δ
6	27 17	14 20	5 10	8 53	3 12			♂	*			
7	27 20	14 14	5 47	10 6	2 36	☉ □ ♃	Δ				□	□ Δ
8	27 23	14 8	6 24	11 18	2 10						□	□
9	27 26	14 2	7 11	12 31	1 55					*	*	□
10	27 29	13 56	7 38	13 43	1 51	♀ Δ ♀	□		*			
1	27 32	13 50	8 15	14 56	1 D 59	☉ P ♀		*	♂			*
2	27 35	13 43	8 52	16 9	2 14		*		♂		□	
3	27 38	13 36	9 29	17 22	2 38			□				
4	27 41	13 29	10 6	18 35	3 14					Δ	♂	♂
5	27 44	13 22	10 43	19 48	4 4			Δ	*			
6	27 47	13 15	11 20	21 1	4 59	☉ P ♂						♂
7	27 50	13 8	11 56	22 14	6 0		♂					
8	27 52	13 1	12 33	23 28	7 5				□			
9	27 54	13 54	13 10	24 41	8 16	♂ Δ ♀				♂	*	
10	27 56	13 46	13 46	25 54	9 33			♂	Δ		*	
1	27 58	13 38	14 23	27 8	10 56	☉ □ ♃						*
2	28 0	13 30	15 0	28 22	12 22	♀ Δ ♃					□	
3	28 2	13 22	15 36	29 35	13 50	♂ □ ♃	*					□
4	28 4	13 14	16 13	0 48	15 20	♂ √ ♂				Δ	Δ	□
5	28 6	13 6	16 50	2 2	16 52	☉ √ ♀		Δ	♂			
6	28 8	13 58	17 26	3 16	18 26		□				□	Δ
7	28 10	13 50	18 3	4 30	20 2							Δ
8	28 12	13 42	18 39	5 44	21 38	♃ * ♃	Δ	□				
9	28 14	13 34	19 16	6 58	23 15					*	♂	
10	28 15	13 26	19 52	8 12	24 53	☉ P ♄		*	Δ			♂
11	28 16	13 17	20 29	9 26	26 31							

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	9	08 14	19 N31	08 1	20 N30	18 23	13 N52
4	16	9	0 14	19 29	0 0	20 30	1 23	13 45
7	16	10	0 14	19 27	0 0	20 30	1 23	13 38
10	16	11	0 13	19 26	0 0	20 30	1 23	13 30
13	16	12	0 13	19 24	0 N 1	20 31	1 23	13 23
16	16	12	0 13	19 22	0 1	20 31	1 23	13 15
19	16	13	0 13	19 21	0 1	20 32	1 21	13 10
22	16	13	0 13	19 19	0 1	20 33	1 21	13 3
25	16	14	0 13	19 17	0 2	20 35	1 20	12 57
28	16	14	0 13	19 16	0 2	20 36	1 19	12 52

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	14 42 53	9m 2 38	14 S 31	1 24	2 N 57	14 N 44	28 2
2	M	14 46 49	10 2 45	14 50	16 36	3 57	20 36	27 53
3	Tu	14 50 46	11 2 53	15 9	1 11 52	4 41	25 8	27 57
4	W	14 54 42	12 3 4	15 28	17 0	5 4	27 52	27 55
5	Th	14 58 39	13 3 16	15 46	1 52	5 6	28 33	27 53
6	F	15 2 36	14 3 30	16 4	16 19	4 49	27 14	27 50
7	S	15 6 32	15 3 46	16 22	0 20	4 14	24 14	27 4
8	S	15 10 29	16 4 5	16 40	13 54	3 27	19 58	27 6
9	M	15 14 25	17 4 25	16 57	27 2	2 29	14 51	27 4
10	Tu	15 18 22	18 4 47	17 14	9m 49	1 26	9 13	27 3
11	W	15 22 18	19 5 11	17 31	22 17	0 20	3 22	27 2
12	Th	15 26 15	20 5 37	17 47	4 32	0 S 46	2 S 31	27 31
13	F	15 30 11	21 6 5	18 3	16 37	1 49	8 13	27 1
14	S	15 34 8	22 6 35	18 19	28 36	2 46	13 34	27 3
15	S	15 38 4	23 7 6	18 34	10m 30	3 35	18 23	27 3
16	M	15 42 1	24 7 40	18 49	22 22	4 14	22 29	27 3
17	Tu	15 45 58	25 8 14	19 4	4 13	4 43	25 38	27 3
18	W	15 49 54	26 8 50	19 18	16 5	4 59	27 41	27 3
19	Th	15 53 51	27 9 28	19 32	27 59	5 2	28 29	27 15
20	F	15 57 47	28 10 7	19 46	9m 57	4 52	27 57	27 11
21	S	16 1 44	29 10 47	20 0	22 2	4 29	26 5	27 1
22	S	16 5 41	0 11 28	20 13	4m 16	3 54	22 59	27 1
23	M	16 9 37	1 12 10	20 25	16 43	3 6	18 48	27 1
24	Tu	16 13 34	2 12 54	20 37	29 27	2 9	18 41	27 1
25	W	16 17 30	3 13 38	20 49	12 33	1 3	7 49	27 1
26	Th	16 21 27	4 14 23	21 1	26 4	0 N 9	1 26	26 5
27	F	16 25 23	5 15 10	21 12	10 3	1 22	5 N 14	26 5
28	S	16 29 20	6 15 57	21 22	24 30	2 32	11 52	26 5
29	S	16 33 16	7 16 46	21 33	9 23	3 34	18 1	26 51
30	M	16 37 13	8 17 35	21 42	24 35	4 22	23 10	26 5

1857.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

23

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 25	4 N 51	1 N 39	2 S 42	1 N 32	9 S 24	24 × 39
4	1 26	4 9	1 40	4 8	1 14	11 23	24 30
7	1 27	3 26	1 41	5 33	0 55	13 19	24 21
10	1 27	2 44	1 41	6 57	0 35	15 9	24 11
13	1 28	2 2	1 40	8 29	0 15	16 53	24 1
16	1 28	1 20	1 38	9 42	0 S 5	18 30	23 52
19	1 29	0 38	1 35	11 2	0 25	19 59	23 42
22	1 29	0 S 4	1 32	12 29	0 44	21 18	23 33
25	1 30	0 46	1 28	13 35	1 3	22 29	23 23
28	1 30	1 27	1 24	14 47	1 20	23 29	23 14

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	28 17 11	8 21	5 10	40 28	Δ 9								♈
2	28 18 11	8 02	41 11	54 29	48	♀ ☐ ☿	♈						
3	28 19 10	52 22	17 13	8 1	♈ 27	☉ ☿ ☐		♈	*				
4	28 19 10	44 22	53 14	22 3	6								
5	28 20 10	36 23	29 15	37 4	44								Δ
6	28 20 10	28 24	5 16	51 6	22		Δ			*			☐
7	28 20 10	20 24	41 18	6 8	0			Δ	♈				
8	28 20 10	12 25	17 19	20 9	38	♀ ☿ ☐					☐	*	☐
9	28 20 10	4 25	53 20	35 11	15								
10	28 19 9	56 26	29 21	49 12	52					Δ			*
11	28 19 9	48 27	5 23	4 14	29		*	*	*		♈		
12	28 19 9	40 27	41 24	18 16	6	♈ Δ ☐							
13	28 18 9	32 28	16 25	33 17	43	♈ * ☐							
14	28 18 9	24 28	52 26	47 19	19								♈
15	28 17 9	16 29	27 28	2 20	55	♀ ☐ ☐				♈			
16	28 17 9	9 0	Δ 4	29 16	22 31		♈	♈	Δ				♈
17	28 16 9	1 0	39 0	30 24	6	♀ ♃ ♈					*		
18	28 16 8	54 1	15 1	45 25	41	☉ P ☐							
19	28 15 8	47 1	51 3	0 27	16	♀ ☐ ☉						☐	*
20	28 14 8	40 2	26 4	15 28	51	☉ Δ ☐				Δ			
21	28 13 8	33 3	2 5	30 0	♈ 26			Δ					
22	28 11 8	26 3	37 6	45 2	0		*		♈		☐	Δ	☐ *
23	28 10 8	19 4	13 8	0 3	34	♀ ☿ ☐							
24	28 8 8	12 4	48 9	15 5	8	♀ * ♈							
25	28 6 8	5 5	23 10	32 6	42					*		Δ	☐
26	28 4 7	58 5	58 11	45 8	16			Δ	Δ				
27	28 2 7	52 6	33 13	0 9	50						♈		Δ
28	28 0 7	46 7	8 14	15 11	24								
29	27 58 7	40 7	43 15	30 12	57	♀ ☐ ☐				♈			♈
30	27 56 7	34 8	18 16	45 14	31	☉ * ♈		♈	*				

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	“ ”	“ ”	“ ”	“ ”	“ ”	“ ”	“ ”
1	16 16	0 S 13	19 N 14	0 N 2	20 N 38	1 S 18	12 N 47
4	16 16	0 13	19 12	0 2	20 40	1 17	12 42
7	16 17	0 13	19 11	0 3	20 42	1 17	12 38
10	16 17	0 13	19 9	0 3	20 44	1 16	12 34
13	16 17	0 13	19 8	0 3	20 46	1 16	12 31
16	16 18	0 13	19 6	0 4	20 49	1 15	12 29
19	16 18	0 13	19 5	0 4	20 51	1 14	12 27
22	16 18	0 13	19 3	0 4	20 54	1 13	12 26
25	16 18	0 13	19 2	0 5	20 57	1 12	12 25
28	16 18	0 13	19 1	0 5	20 59	1 11	12 25
31	16 18	0 13	19 0	0 6	21 2	1 10	12 25

D M	D W	Sidereal Time.	☉ Long.			☉ Declin			☾ Long.			☾ Lat.			☾ Declin			♂ Long.
		H. M. S.	°	'	"	°	'	"	°	'	"	°	'	"	°	'	"	°
1	Tu	16 41 10	9	18	25	21	S	52	9	15	56	4	N	52	26	N	46	26
2	W	16 45 6	10	19	17	22		1	25	15		5		1	28	23		26
3	Th	16 49 3	11	20	10	22	10		10	5	21	4	48	27	51		26	41
4	F	16 52 59	12	21	4	22	18	25	3			4	17	25	21		26	33
5	S	16 56 56	13	21	59	22	25	9	17			3	30	21	19		26	36
6	S	17 0 52	14	22	55	22	33	23	0			2	33	16	16		26	34
7	M	17 4 49	15	23	52	22	40	6	13			1	29	10	37		26	32
8	Tu	17 8 45	16	24	51	22	46	19	1			0	22	4	42		26	29
9	W	17 12 42	17	25	51	22	52	1	28			0	S	43	1	S	15	26
10	Th	17 16 39	18	26	52	22	57	13	38			1	46	7	0		26	23
11	F	17 20 35	19	27	54	23	3	25	38			2	42	12	26		26	23
12	S	17 24 32	20	28	57	23	7	7	31			3	31	17	21		26	20
13	S	17 28 28	21	30	1	23	11	19	21			4	10	21	35		26	18
14	M	17 32 25	22	31	5	23	15	1	11			4	39	24	57		26	15
15	Tu	17 36 21	23	32	11	23	18	13	4			4	55	27	16		26	14
16	W	17 40 18	24	33	17	23	21	25	0			4	59	28	20		26	11
17	Th	17 44 14	25	34	24	23	23	7	1			4	49	28	5		26	9
18	F	17 48 11	26	35	31	23	25	19	8			4	26	26	29		26	7
19	S	17 52 8	27	36	39	23	26	1	22			3	51	23	37		26	5
20	S	17 56 4	28	37	47	23	27	13	44			3	4	19	39		26	3
21	M	18 0 1	29	38	55	23	28	26	18			2	8	14	46		26	1
22	Tu	18 3 57	0	40	4	23	28	9	4			1	4	9	10		25	59
23	W	18 7 54	1	41	12	23	27	22	8			0	N	4	3		4	57
24	Th	18 11 50	2	42	21	23	26	5	31			1	14	3	N	20		25
25	F	18 15 47	3	43	29	23	24	19	18			2	22	9	45		25	54
26	S	18 19 43	4	44	37	23	22	3	29			3	23	15	52		25	53
27	S	18 23 40	5	45	46	23	20	18	8			4	13	21	16		25	51
28	M	18 27 37	6	46	54	23	17	2	57			4	46	25	27		25	49
29	Tu	18 31 33	7	48	2	23	14	18	4			5	1	27	55		25	48
30	W	18 35 30	8	49	11	23	10	3	13			4	54	28	19		25	46
31	Th	18 39 26	9	50	19	23	6	18	15			4	27	26	27		25	44

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen Q	2	3	Right Asc. of Meridian.			10	11	12	Ascen Q	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
0	0	0	0	10	24	28	13	14	0	1	51	37	0	11	19	17	33
0	3	40	1	11	25	28	46	14	4	1	55	27	1	12	20	18	11
0	7	20	2	12	26	29	25	15	8	1	59	17	2	13	21	18	51
0	11	0	3	13	27	0	14	16	6	2	3	8	3	14	21	19	30
0	14	41	4	14	28	0	49	17	6	2	6	59	4	15	22	20	9
0	18	21	5	15	29	1	25	17	7	2	10	51	5	15	23	20	48
0	22	3	6	16	29	2	7	18	8	2	14	44	6	16	24	21	37
0	25	43	7	17	30	2	43	19	9	2	18	37	7	17	24	22	8
0	29	23	8	18	1	3	36	19	10	2	22	31	8	18	25	23	47
0	33	4	9	19	2	4	4	20	10	2	26	25	9	19	26	23	28
0	36	45	10	20	3	4	41	21	11	2	30	20	10	20	27	24	8
0	40	26	11	21	4	5	19	22	12	2	34	16	11	21	27	24	48
0	44	8	12	22	4	5	58	23	13	2	38	13	12	22	28	25	28
0	47	50	13	24	5	6	36	23	14	2	42	10	13	23	29	26	8
0	51	32	14	25	6	7	14	24	15	2	46	8	14	24	Q	27	48
0	55	14	15	26	7	7	53	24	16	2	50	7	15	25	0	28	20
0	58	5	16	27	8	8	33	25	16	2	54	7	16	26	1	28	10
1	2	40	17	28	8	9	10	26	17	2	58	7	17	27	2	28	51
1	6	23	18	29	9	9	47	26	18	3	3	8	18	28	3	28	33
1	10	7	19	II	10	10	25	27	19	3	6	9	19	29	4	29	13
1	13	51	20	1	11	11	5	28	20	3	10	13	20	30	5	30	54
1	17	35	21	2	12	11	43	29	20	3	14	15	21	0	6	1	36
1	21	20	22	3	13	12	23	29	21	3	18	19	22	1	6	2	17
1	25	6	23	4	13	13	0	30	22	3	22	23	23	2	7	2	59
1	28	53	24	5	14	13	39	1	23	3	26	20	24	3	8	3	41
1	32	38	25	6	15	14	18	2	24	3	30	35	25	4	8	4	23
1	36	25	26	7	16	14	56	3	25	3	34	41	26	5	9	5	25
1	40	12	27	8	16	15	35	3	26	3	38	49	27	6	10	5	47
1	44	0	28	9	17	16	14	4	26	3	42	57	28	7	11	6	30
1	47	48	29	10	18	16	53	4	27	3	46	6	29	8	12	7	13
1	51	37	30	11	19	17	32	5	28	3	51	15	30	9	12	7	54

Right Asc. of Meridian.			10	11	12	Ascen Q	2	3	Right Asc. of Meridian.			10	11	12	Ascen Q	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
3	51	15	0	9	12	7	54	28	25	6	0	0	0	7	7	0	0
3	55	25	1	10	13	8	37	29	26	6	4	23	1	8	8	0	45
3	59	36	2	11	14	9	20	30	27	6	8	48	2	9	9	1	30
4	3	48	3	12	15	10	3	1	28	6	12	5	3	10	9	2	15
4	8	0	4	13	16	10	47	1	29	6	17	28	4	11	10	3	0
4	12	13	5	14	16	11	30	2	30	6	21	46	5	11	11	3	45
4	16	36	6	15	17	12	13	3	0	6	26	9	6	12	12	4	30
4	20	40	7	15	18	13	56	4	1	6	30	30	7	13	13	5	15
4	24	55	8	16	19	13	40	5	2	6	34	51	8	14	13	6	0
4	29	10	9	17	20	14	24	6	3	6	38	11	9	15	14	6	44
4	33	28	10	18	20	15	8	6	4	6	42	31	10	16	15	7	29
4	37	43	11	19	21	15	53	7	5	6	47	51	11	17	16	8	14
4	41	59	12	20	22	16	36	8	6	6	52	11	12	18	17	9	59
4	46	16	13	21	23	17	19	9	7	6	56	31	13	19	18	0	43
4	50	34	14	22	24	18	4	10	8	7	0	50	14	20	19	10	27
4	54	52	15	23	25	18	49	11	9	7	5	8	15	21	19	11	11
4	59	10	16	24	25	19	33	12	10	7	9	28	16	22	20	11	56
5	3	29	17	25	26	20	17	13	11	7	13	44	17	23	21	12	40
5	7	49	18	26	27	21	1	13	12	7	18	1	18	24	22	13	24
5	12	9	19	27	28	21	46	14	13	7	22	18	19	25	23	14	8
5	16	29	20	27	29	22	31	15	13	7	26	34	20	26	24	14	53
5	20	49	21	28	29	23	16	16	14	7	30	50	21	26	24	15	36
5	25	9	22	29	30	24	0	17	15	7	35	5	22	27	25	16	20
5	29	30	23	Q	1	24	45	17	16	7	39	20	23	28	26	17	4
5	33	51	24	1	2	25	30	18	17	7	43	34	24	29	27	17	47
5	38	12	25	2	3	26	15	19	18	7	47	47	25	30	28	18	30
5	43	34	26	3	4	27	0	20	19	7	52	0	26	1	29	19	13
5	48	55	27	4	5	27	45	20	20	7	56	13	27	2	30	19	57
5	51	17	28	5	6	28	30	21	21	8	0	24	28	3	31	20	49
5	55	38	29	6	6	29	15	22	22	8	4	35	29	4	1	21	28
6	0	0	30	7	7	30	0	23	23	9	8	46	30	5	2	22	6

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen △		2	3	Right Asc. of Meridian.			10	11	12	Ascen m		2	3
H.	M.	S.	°	°	°	°	'	°	'	H.	M.	S.	°	°	°	°	'	°	'
8 8 45	0	5	2	23	4	18	21	10 8 23	0	2	25	13	28	11	20	1	20	1	
8 13 54	1	6	3	23	48	19	23	10 13 13	1	3	26	13	26	12	21	2	21	2	
8 17 8	2	7	3	23	30	19	23	10 16 0	2	3	26	13	45	13	21	3	21	3	
8 21 11	3	8	4	24	13	20	24	10 19 48	3	4	27	14	25	14	23	4	23	4	
8 25 19	4	9	5	24	55	21	25	10 23 35	4	5	28	15	4	14	23	5	23	5	
8 29 26	5	10	6	25	37	22	26	10 27 23	5	6	29	16	42	15	24	6	24	6	
8 33 31	6	10	6	25	19	23	27	10 31 8	6	7	29	16	21	16	25	7	25	7	
8 37 37	7	11	7	27	1	23	28	10 34 54	7	8	m	17	0	17	26	8	26	8	
8 41 41	8	12	8	27	43	24	28	10 38 40	8	9	1	17	39	18	27	9	27	9	
8 45 45	9	13	9	28	24	25	29	10 42 25	9	10	2	18	17	19	28	10	28	10	
8 49 48	10	14	9	29	6	26	29	10 46 9	10	10	3	18	55	19	29	11	29	11	
8 53 51	11	15	10	29	47	26	1	10 49 53	11	11	3	19	34	20	30	12	30	12	
8 57 52	12	16	11	0m28	27	2	2	10 53 37	12	12	4	20	13	21	1	31	1	31	
9 1 53	13	17	12	1	9	28	3	10 57 20	13	13	4	20	51	22	2	32	2	32	
9 5 53	14	18	13	1	50	29	4	11 1 3	14	14	5	21	30	23	3	33	3	33	
9 9 53	15	18	13	2	31	29	5	11 4 46	15	15	6	22	8	24	4	34	4	34	
9 13 53	16	19	14	3	12	2	6	11 8 28	16	16	6	23	46	24	5	35	5	35	
9 17 50	17	20	15	3	53	1	7	11 12 10	17	17	7	23	24	25	6	36	6	36	
9 21 47	18	21	16	4	32	2	8	11 15 23	18	17	8	24	2	26	7	37	7	37	
9 25 44	19	22	17	5	12	3	9	11 19 34	19	18	9	24	40	27	8	38	8	38	
9 29 40	20	23	17	5	53	3	10	11 23 15	20	19	9	25	19	28	9	39	9	39	
9 33 35	21	24	18	6	33	4	11	11 26 56	21	20	10	25	59	29	10	40	10	40	
9 37 30	22	25	19	7	13	5	12	11 30 37	22	20	11	26	39	29	11	41	11	41	
9 41 28	23	26	20	7	53	6	13	11 34 18	23	21	11	27	15	29	12	42	12	42	
9 45 16	24	27	21	8	23	7	14	11 37 58	24	22	12	27	53	0	13	43	13	43	
9 49 9	25	28	21	9	12	8	15	11 41 39	25	23	13	28	33	1	14	44	14	44	
9 53 1	26	29	22	9	51	8	16	11 45 19	26	24	13	29	11	2	15	45	15	45	
9 56 53	27	30	23	10	30	9	17	11 49 0	27	25	14	29	53	3	16	46	16	46	
10 0 48	28	31	24	11	9	10	18	11 52 40	28	25	15	0	25	4	17	47	17	47	
10 4 38	29	1	24	11	48	10	19	11 56 20	29	26	15	1	11	5	18	48	18	48	
10 8 28	30	2	25	12	28	11	20	12 0 0	30	27	16	1	47	6	19	49	19	49	

Right Asc. of Meridian.			10	11	12	Ascen f		2	3	Right Asc. of Meridian.			10	11	12	Ascen f		2	3	
H.	M.	S.	°	°	°	°	'	°	'	H.	M.	S.	°	°	°	°	'	°	'	
12	0	0	0	27	18	1	47	6	21	13	51	37	0	21	8	28	4	7	27	1
12	3	40	1	28	17	2	38	7	22	13	55	17	1	22	9	28	53	8	28	2
12	7	20	2	29	18	3	11	8	23	13	59	17	2	23	9	24	43	9	29	3
12	11	0	3	m	18	3	49	9	24	14	3	8	3	24	10	25	31	11	1	4
12	14	41	4	0	19	4	23	10	25	14	6	59	4	25	11	26	21	12	2	5
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13	13	3	6
12	22	2	6	2	20	5	47	11	26	14	14	44	6	26	13	28	5	14	4	7
12	25	48	7	3	21	6	27	12	27	14	18	37	7	27	13	28	58	17	5	8
12	29	28	8	3	21	6	13	13	28	14	22	31	8	28	14	29	51	19	6	9
12	33	4	9	4	22	7	46	14	1	14	26	25	9	29	15	0	45	20	7	10
12	36	45	10	5	23	8	26	15	2	14	30	20	10	30	16	1	40	21	8	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	22	9	12
12	44	8	12	7	25	9	48	17	4	14	38	13	12	1	17	3	32	24	10	13
12	47	50	13	7	25	10	29	18	5	14	42	10	13	2	18	4	30	26	11	14
12	51	32	14	8	26	11	11	19	6	14	46	8	14	3	19	5	28	28	12	15
12	55	14	15	9	27	11	53	20	7	14	50	7	15	4	20	6	28	29	13	16
12	58	57	16	10	27	12	35	21	8	14	54	7	16	5	21	7	28	30	14	17
13	3	40	17	11	28	13	17	22	9	14	58	7	17	6	22	8	30	31	15	18
13	6	23	18	12	29	14	0	23	10	15	2	8	18	7	23	9	33	4	16	19
13	10	7	19	13	30	14	47	24	11	15	6	9	19	7	23	10	36	6	17	20
13	13	51	20	14	31	15	27	25	12	15	10	12	20	8	24	11	44	8	18	21
13	17	35	21	15	1	16	11	26	13	15	14	15	21	9	25	12	53	9	19	22
13	21	20	22	16	2	16	54	27	14	15	18	19	22	10	26	14	0	10	20	23
13	25	6	23	17	3	17	38	28	15	15	22	23	23	11	27	15	10	11	21	24
13	29	53	24	18	4	18	25	m	16	15	26	29	24	12	28	16	21	15	22	25
13	33	38	25	17	5	19	10	1	17	15	30	35	25	13	29	17	37	17	23	26
13	37	25	26	18	4	19	57	2	18	15	34	41	26	14	m	18	53	19	24	27
13	40	12	27	19	6	20	43	3	19	15	38	49	27	15	1	20	10	20	25	28
13	44	0	28	20	6	21	30	4	20	15	42	57	28	16	2	21	20	23	26	29
13	47	49	29	21	7	22	16	5	21	15	46	6	29	17	3	22	29	24	27	30
13	51	37	30	22	8	23	3	6	22	15	51	15	30	18	4	23	19	26	28	31

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H. M. S.			°	°	°	°	°	°	H. M. S.			°	°	°	°	°	°		
15	51	15	0	17	4	24	13	26	7	18	0	0	0	17	10	0	0	20	13
15	55	25	1	18	5	25	39	28	8	18	4	23	1	18	11	3	53	21	14
15	59	36	2	19	6	27	9	29	10	18	8	43	2	19	13	5	46	23	15
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	35	25	16
16	8	0	4	21	8	0	all	2	12	18	17	26	4	21	16	11	23	26	17
16	13	13	5	22	9	1	48	4	13	18	21	48	5	23	18	14	9	27	18
16	16	26	6	23	10	8	28	6	14	18	26	9	6	24	20	16	56	29	19
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	II	20
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16	1	21
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51	2	22
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24	4	23
16	37	42	11	28	15	12	31	17	21	18	47	51	11	29	28	29	53	5	24
16	41	59	12	29	16	14	30	19	22	18	53	12	12	1	29	30	19	7	25
16	46	16	13	30	17	16	31	21	24	18	58	31	13	2	30	4	40	8	26
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	2	6	58	9	27
16	54	53	15	2	20	20	40	25	26	19	5	8	15	4	4	9	11	10	28
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21	11	29
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29	12	30
17	7	49	18	5	23	27	41	3	29	19	18	1	18	8	10	15	30	14	1
17	12	9	19	6	25	0	37	2	II	19	23	18	19	9	12	17	29	15	2
17	16	29	20	7	26	2	36	8	2	19	28	34	20	10	14	19	34	16	3
17	20	49	21	8	27	5	9	5	3	19	30	50	21	12	16	21	16	16	4
17	25	9	22	9	29	7	44	7	4	19	35	5	22	13	18	23	5	18	5
17	29	30	23	10	30	10	23	8	5	19	39	20	23	14	20	24	51	19	6
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	22	26	32	30	7
17	38	12	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12	31	8
17	42	34	26	13	4	18	37	14	8	19	53	0	26	18	26	29	40	22	9
17	46	55	27	14	5	21	25	15	9	19	58	12	27	19	28	1	20	23	10
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	1	2	51	25	11
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	2	4	21	26	12
18	0	0	30	17	10	30	0	20	13	20	8	45	30	23	3	5	47	26	13

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H. M. S.			°	°	°	°	°	°	H. M. S.			°	°	°	°	°	°		
20	8	45	0	23	8	5	47	26	13	23	8	23	0	3	23	6	56	23	9
20	12	54	1	24	9	7	10	28	14	23	12	12	1	4	24	7	44	23	10
20	17	3	2	25	7	8	23	28	15	23	16	0	2	5	25	8	31	23	10
20	21	11	3	27	9	9	50	39	16	23	19	48	3	7	26	9	17	24	11
20	25	19	4	28	11	11	7	25	16	23	23	35	4	8	27	10	3	25	12
20	29	26	5	29	13	13	28	1	17	23	27	23	5	9	29	10	50	26	13
20	33	31	6	30	15	15	39	2	18	23	31	8	6	10	II	11	36	26	13
20	37	37	7	2	17	14	50	3	19	23	34	54	7	12	1	12	22	27	14
20	41	41	8	3	18	16	0	4	20	23	38	40	8	13	2	13	6	28	15
20	45	45	9	4	20	17	8	5	21	23	42	25	9	14	3	13	40	29	16
20	49	48	10	5	22	18	16	6	22	23	46	9	10	16	4	14	33	29	17
20	53	51	11	7	24	19	23	7	23	23	49	53	11	17	5	15	17	Q	18
20	57	53	12	9	26	20	27	7	23	23	53	37	12	18	7	16	0	1	19
21	1	53	13	10	27	21	30	8	24	23	57	20	13	20	8	16	43	2	19
21	5	53	14	11	29	23	33	9	25	23	1	3	14	21	9	17	26	3	20
21	9	53	15	12	31	25	33	10	26	23	4	46	15	22	10	18	7	4	21
21	13	53	16	14	2	24	33	11	27	23	8	28	16	23	11	18	40	4	22
21	17	50	17	15	4	26	30	12	27	23	12	10	17	24	12	19	31	5	23
21	21	47	18	17	6	26	28	13	28	23	15	52	18	26	13	20	13	6	24
21	25	44	19	18	7	27	24	13	29	23	19	34	19	27	14	20	53	6	24
21	29	40	20	19	9	28	20	14	Q	23	23	15	20	28	15	21	34	7	25
21	33	35	21	21	10	29	15	15	1	23	26	56	21	29	16	22	14	8	26
21	37	29	22	22	11	0	25	16	2	23	30	37	22	3	17	23	52	9	27
21	41	23	23	23	12	1	2	16	3	23	34	18	23	1	18	23	29	9	27
21	45	16	24	25	13	1	55	17	4	23	37	58	24	2	19	24	13	10	28
21	49	9	25	26	16	2	47	18	4	23	41	39	25	4	20	24	53	11	29
21	53	1	26	28	17	3	39	19	5	23	45	19	26	5	21	26	39	11	30
21	56	53	27	29	19	4	29	20	6	23	49	0	27	6	22	36	11	12	31
22	0	43	28	30	21	5	19	21	7	23	53	40	28	7	23	38	40	12	32
22	4	33	29	31	22	6	7	22	8	24	0	0	29	8	24	37	37	13	33
22	8	23	30	32	23	7	58	23	9	24	4	4	30	9	25	39	39	14	34

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ASTHMA,
BRONCHITIS,

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RHEUMATISM,
GOUT, SCROFULA,
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CONSUMPTION,
COUGHS AND COLDS,
INFLUENZA,

CONSUMPTIVE NIGHT
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OF THE
PLANETS' PLACES

For 1858.

(REVISED AND CORRECTED.)



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1883.

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PLANETS' PLACES

For 1858.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	18	08 18	18 N 59	08 6	21 N 3	18 9	12 N 26
4	16	18	0 18	18 58	0 6	21 6	1 9	12 27
7	16	18	0 18	18 58	0 6	21 9	1 8	12 29
10	16	18	0 12	18 57	0 6	21 12	1 7	12 32
13	16	18	0 12	18 56	0 7	21 15	1 6	12 35
16	16	18	0 12	18 55	0 7	21 18	1 5	12 39
19	16	17	0 12	18 55	0 7	21 21	1 3	12 44
22	16	17	0 12	18 55	0 8	21 24	1 2	12 48
25	16	17	0 12	18 54	0 8	21 27	1 1	12 54
28	16	17	0 12	18 54	0 9	21 30	1 0	13 0
31	16	16	0 12	18 54	0 9	21 32	1 0	13 1

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♄ Long. ° ' "	♄ Lat. ° ' "	♄ Declin. ° ' "	♃ Long. ° ' "
1	F	18 43 23	10 51 28	23 8 1	2 59	3 N 42	23 N 7	25 42
2	S	18 47 19	11 52 36	22 56 17	19	2 45	18 16	25 44
3	S	18 51 16	12 53 45	22 50 1	9	1 39	12 37	25 39
4	M	18 55 13	13 54 53	22 44 14	31	0 30	6 33	25 37
5	Tu	18 59 9	14 56 22	22 37 27	26	0 8	39 0	25 36
6	W	19 3 6	15 57 11	22 30 9	57	1 44	5 32	25 34
7	Th	19 7 2	16 58 20	22 23 22	11	2 42	11 9	25 33
8	F	19 10 59	17 59 29	22 16 4	11	3 32	16 15	25 32
9	S	19 14 55	19 0 38	22 7 16	4	4 13	20 41	25 31
10	S	19 18 52	20 1 47	21 58 27	54	4 42	24 17	25 30
11	M	19 22 48	21 2 55	21 49 9	45	4 59	26 52	25 29
12	Tu	19 26 45	22 4 4	21 39 21	40	5 4	28 15	25 28
13	W	19 30 42	23 5 12	21 29 3	42	4 55	28 19	25 27
14	Th	19 34 38	24 6 20	21 19 15	52	4 32	27 1	25 26
15	F	19 38 35	25 7 27	21 8 28	11	3 57	24 24	25 25
16	S	19 42 31	26 8 34	20 56 10	40	3 10	29 37	25 24
17	S	19 46 28	27 9 40	20 45 23	19	2 12	15 50	25 23
18	M	19 50 24	28 10 46	20 33 6	8	1 7	10 19	25 22
19	Tu	19 54 21	29 11 50	20 20 19	9	0 N	2 4	16 25
20	W	19 58 17	0 12 54	20 7 2	23	1 13	2 N	4 25
21	Th	20 2 14	1 13 56	19 54 15	51	2 21	8 25	25 24
22	F	20 6 11	2 14 58	19 41 29	36	3 22	14 29	25 19
23	S	20 10 7	3 15 58	19 27 13	36	4 13	19 57	25 19
24	S	20 14 4	4 16 58	19 12 27	53	4 49	24 23	25 18
25	M	20 18 0	5 17 56	18 58 12	24	5 7	27 22	25 18
26	Tu	20 21 57	6 18 53	18 43 27	4	5 5	28 31	25 18
27	W	20 25 53	7 19 49	18 27 11	48	4 44	27 39	25 18
28	Th	20 29 50	8 20 44	18 12 26	28	4 4	24 52	25 17
29	F	20 33 46	9 21 37	17 56 10	55	3 8	20 31	25 17
30	S	20 37 43	10 22 30	17 39 25	5	2 2	15 5	25 17
31	S	20 41 40	11 23 22	17 28 8	52	0 50	9 2	25 17

1858.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

3

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	1 N 35.	8 S 42	0 N 12	23 S 13	0 S 42	20 S 49	21 × 26
4	1 35	9 17	0 5	23 23	0 N 4	19 44	21 16
7	1 35	9 51	0 S 3	23 26	0 56	18 50	21 7
10	1 35	10 24	0 11	23 23	1 46	18 15	20 57
13	1 35	10 56	0 19	23 13	2 44	18 3	20 48
16	1 35	11 28	0 25	22 56	3 8	18 11	20 38
19	1 35	11 59	0 32	22 34	3 30	18 32	20 29
22	1 35	12 28	0 38	22 5	3 24	19 1	20 19
25	1 35	12 57	0 45	21 30	3 0	19 31	20 10
28	1 35	13 25	0 50	20 49	2 35	20 0	20 0
31	1 35	13 52	0 57	20 3	2 0	20 24	19 50

D M	♄	♅	♆	♇	♈	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♅	♆	♇
	° ' "	° ' "	° ' "	° ' "	° ' "							
1	26 55 2	5 57 26	26 22 26	1 53 0	ma 5			*	♄	☐	☐	♇
2	25 57 5	58 26 55	28 8 0	46 1 20								
3	25 53 5	59 27 27	29 24 1	44 1 44				☐		Δ	*	Δ
4	25 49 6	0 28 0	40 1 44				Δ					
5	25 44 6	1 28 32	1 55 1	38				Δ	*		☐	Δ
6	25 38 6	2 29 4	3 10 2	0								
7	25 33 6	4 29 36	4 25 1	53	♄ * ♄	☐			☐	♇		
8	25 27 6	6 0 8	5 41 1	33	☿ * ♄					♄	*	☐
9	25 22 6	8 0 40	6 56 1	1	☿ ☐ ♄	*						
10	25 17 6	10 1 11	8 11 0	19			♇	Δ				*
11	25 12 6	12 1 42	9 27 29	24								
12	25 7 6	14 2 13	10 42 28	21								
13	25 2 6	17 2 45	11 58 27	11					Δ	*		
14	24 58 6	20 3 16	13 13 25	56	☿ Δ ♄	☐	♄	Δ	♇		♄	♄
15	24 53 6	23 3 48	14 28 24	38	☉ ☿ ♄	☐	♄	Δ	♇			
16	24 48 6	26 4 19	15 44 23	20	☿ ☿ ♄				☐	☐		
17	24 43 6	29 4 50	16 59 22	3				☐				
18	24 38 6	33 5 21	18 14 20	51					*	Δ		
19	24 33 6	37 5 52	19 30 19	46	☿ ☿ ♄		*		Δ		*	*
20	24 28 6	41 6 22	20 45 18	47			*					
21	24 24 6	45 6 52	22 0 17	56	♄ ☐ ♄							☐
22	24 19 6	49 7 22	23 16 17	14		☐			☐		☐	
23	24 14 6	53 7 52	24 31 16	42	☿ ☿ ♄				♄	♇		Δ
24	24 9 6	58 8 22	25 46 16	19	☿ Δ ♄	Δ	♄	*			Δ	
25	24 4 7	3 8 51	27 1 16	4								
26	24 0 7	8 9 21	28 17 15	57								
27	23 55 7	13 9 50	29 32 15	D59	☉ ☐ ♄			*	♄	*	Δ	♇
28	23 50 7	19 10 19	0 48 16	8			♇	*	♄		♇	
29	23 46 7	25 10 48	2 3 16	24					☐	☐		
30	23 41 7	31 11 17	3 18 16	47				☐		☐		
31	23 36 7	37 11 46	4 33 17	17					Δ	*		

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	16	08 12	18 N 54	0 N 9	21 N 33	08 59	13 N 9
4	16	15	0 12	18 54	0 9	21 36	0 59	13 16
7	16	15	0 12	18 54	0 10	21 38	0 58	13 23
10	16	14	0 12	18 55	0 10	21 41	0 58	13 31
13	16	14	0 12	18 55	0 11	21 44	0 57	13 39
16	16	13	0 12	18 56	0 11	21 45	0 56	13 46
19	16	12	0 12	18 56	0 11	21 47	0 55	13 53
22	16	12	0 12	18 57	0 11	21 49	0 55	14 0
25	16	11	0 12	18 58	0 11	21 50	0 54	14 7
28	16	10	0 12	18 59	0 12	21 52	0 53	14 14

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	M	20 45 36	12 24 12	17 S 6	22 15	08 22	2 N 44	25 17
2	Tu	20 49 33	13 25 21	16 49	5 14	1 32	38 29	25 17
3	W	20 53 29	14 25 51	16 31	17 51	2 35	9 23	25 17
4	Th	20 57 26	15 26 39	16 18	0 9	3 29	14 48	25 17
5	F	21 1 22	16 27 26	15 55	12 14	4 13	19 32	25 18
6	S	21 5 19	17 28 11	15 37	24 9	4 46	23 26	25 18
7	S	21 9 15	18 28 56	15 18	6 1	5 6	26 21	25 18
8	M	21 13 12	19 29 40	14 59	17 54	5 13	28 6	25 18
9	Tu	21 17 9	20 30 23	14 40	29 51	5 6	28 34	25 18
10	W	21 21 5	21 31 5	14 21	11 57	4 46	27 40	25 18
11	Th	21 25 2	22 31 45	14 1	24 14	4 13	25 26	25 18
12	F	21 28 58	23 32 24	13 41	6 45	3 27	21 56	25 18
13	S	21 32 55	24 33 2	13 21	19 29	2 29	17 21	25 18
14	S	21 36 51	25 33 38	13 1	2 28	1 23	11 54	25 18
15	M	21 40 48	26 34 13	12 40	15 41	0 12	5 50	25 18
16	Tu	21 44 44	27 34 46	12 19	29 6	1 N 2	0 N 35	25 18
17	W	21 48 41	28 35 17	11 55	12 43	2 13	7 4	25 18
18	Th	21 52 38	29 35 47	11 37	26 30	3 17	13 18	25 18
19	F	21 56 34	0 36 14	11 16	10 36	4 11	18 56	25 18
20	S	22 0 31	1 36 40	10 55	24 30	4 50	23 36	25 18
21	S	22 4 27	2 37 4	10 33	8 41	5 12	26 54	25 18
22	M	22 8 24	3 37 25	10 11	22 56	5 15	28 30	25 18
23	Tu	22 12 20	4 37 45	9 49	7 52	4 58	28 13	25 18
24	W	22 16 17	5 38 3	9 27	21 27	4 23	26 5	25 18
25	Th	22 20 13	6 38 19	9 5	5 36	3 33	22 19	25 18
26	F	22 24 10	7 38 33	8 43	19 35	2 30	17 19	25 18
27	S	22 28 7	8 38 45	8 20	3 22	1 19	11 30	25 18
28	S	22 32 3	9 38 56	7 57	16 51	0 5	5 16	25 18

FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N35	14 S 1	0 S 58	19 S 46	1 N 46	20 S 31	19 × 47
4	1 34	14 26	1 3	18 53	1 14	20 46	19 38
7	1 34	14 51	1 8	17 55	0 40	20 53	19 28
10	1 33	15 15	1 12	16 52	0 12	20 49	19 19
13	1 32	15 38	1 16	15 45	0 S 17	20 36	19 9
16	1 32	15 59	1 19	14 34	0 40	20 11	19 0
19	1 31	16 22	1 21	13 19	1 3	19 34	18 50
22	1 31	16 40	1 23	12 1	1 21	18 47	18 41
25	1 30	16 59	1 25	10 41	1 38	17 47	18 31
28	1 29	17 16	1 25	9 17	1 52	16 36	18 22

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♊	♍	♏	♋
	° /	° /	° /	° /	° /									
1	23 31	7 43	12 14	5 48	17 50	☉ □ ♂			Δ *					Δ
2	23 26	7 49	12 43	7 41	18 28								Δ	
3	23 22	7 55	13 11	8 19	19 11	♀ □ ♀	Δ		□					□
4	23 18	8 21	13 39	9 35	19 58									
5	23 13	8 9	14 7	10 50	20 48		□			♂	♊	□		
6	23 9	8 16	14 35	12 52	21 43			♂	Δ					*
7	23 5	8 23	15 21	13 20	22 40	♀ ♂ ♈								
8	23 1	8 30	15 29	14 35	23 40		*						*	
9	22 57	8 37	15 56	15 50	24 43	♀ □ ♂								
10	22 53	8 45	16 23	17 52	25 48	♂ Δ ♈				Δ *				
11	22 49	8 53	16 49	18 21	26 56			Δ	♂					♊
12	22 45	9 1	17 15	19 36	28 5					□				
13	22 41	9 9	17 41	20 51	29 16			♊	□			□	♊	
14	22 37	9 17	18 7	22 0	30 30	☉ □ ♈								
15	22 34	9 25	18 33	23 22	1 45				Δ *	Δ				
16	22 30	9 33	18 58	24 37	3 2			*						*
17	22 27	9 42	19 23	25 52	4 19	♀ □ ♈								
18	22 23	9 51	19 48	27 8	5 39		*		□				*	
19	22 20	10 0	20 12	28 23	7 0				♊					□
20	22 17	10 9	20 37	29 38	8 22		♊	*		♊		♊	□	
21	22 14	10 18	21 1	0 × 53	9 45	♂ □ ♀	□							Δ
22	22 11	10 27	21 25	2 8	11 10									
23	22 8	10 36	21 48	3 23	12 36		Δ	*	♊	*		Δ	Δ	
24	22 5	10 46	22 11	4 38	14 3	♊ Δ ♈		*	♊					
25	22 2	10 56	22 34	5 53	15 31					□				
26	21 59	11 5	22 56	7 8	17 1	☉ □ ♈		♊	□			□	♊	
27	21 56	11 15	23 18	8 23	18 32		♊						♊	
28	21 53	11 25	23 40	9 38	20 3	♀ ♂ ☉			*	Δ				

MARCH XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 12	18 N59	0 N12	21 N52	08 53	14 N28
4	16	8	0 12	19 0	0 12	21 54	0 52	14 38
7	16	8	0 12	19 2	0 12	21 55	0 51	14 49
10	16	7	0 12	19 3	0 13	21 56	0 51	14 59
13	16	6	0 12	19 4	0 13	21 57	0 50	15 10
16	16	5	0 12	19 6	0 13	21 57	0 50	15 21
19	16	4	0 12	19 7	0 14	21 58	0 50	15 32
22	16	4	0 12	19 9	0 14	21 58	0 49	15 42
25	16	3	0 12	19 11	0 14	21 59	0 49	15 54
28	16	2	0 12	19 12	0 14	21 59	0 48	16 5
31	16	1	0 12	19 14	0 15	21 58	0 48	16 16

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	M	22 36 0	10 39 4	78 35	0 4	18 8	18 4	25 36
2	Tu	22 39 56	11 39 11	7 12	12 57	2 15	7 12	25 37
3	W	22 43 53	12 39 16	6 49	25 33	3 14	12 54	25 39
4	Th	22 47 49	13 39 20	6 26	7 53	4 3	17 59	25 40
5	F	22 51 46	14 39 22	6 3	20 0	4 41	22 15	25 42
6	S	22 55 42	15 39 22	5 40	1 58	5 5	25 33	25 43
7	S	22 59 39	16 39 20	5 16	13 51	5 16	27 43	25 45
8	M	23 3 36	17 39 17	4 53	25 45	5 14	28 37	25 47
9	Tu	23 7 32	18 39 13	4 30	7 43	4 58	28 12	25 48
10	W	23 11 29	19 39 6	4 6	19 50	4 29	26 26	25 50
11	Th	23 15 25	20 38 58	3 43	2 10	3 47	23 23	25 52
12	F	23 19 22	21 38 49	3 19	14 47	2 53	19 10	25 54
13	S	23 23 18	22 38 37	2 55	27 42	1 49	18 59	25 56
14	S	23 27 15	23 38 24	2 32	10 57	0 38	8 3	25 58
15	M	23 31 11	24 38 8	2 8	24 32	0 N37	1 36	26 0
16	Tu	23 35 8	25 37 51	1 44	8 23	1 51	5 N 2	26 2
17	W	23 39 5	26 37 31	1 21	22 29	3 0	11 33	26 4
18	Th	23 43 1	27 37 9	0 57	6 44	3 59	17 32	26 6
19	F	23 46 58	28 36 45	0 33	21 5	4 43	23 35	26 9
20	S	23 50 54	29 36 19	0 9	5 26	5 9	26 17	26 11
21	S	23 54 51	0 35 51	0 N14	19 44	5 16	28 19	26 13
22	M	23 58 47	1 35 20	0 38	3 57	5 4	28 27	26 16
23	Tu	0 2 44	2 34 47	1 2	18 0	4 33	26 45	26 19
24	W	0 6 40	3 34 11	1 25	1 54	3 47	23 26	26 21
25	Th	0 10 37	4 33 34	1 49	15 37	2 48	18 51	26 24
26	F	0 14 34	5 32 54	2 12	29 9	1 41	13 23	26 26
27	S	0 18 30	6 32 11	2 36	12 28	0 29	7 21	26 28
28	S	0 22 27	7 31 27	2 59	25 34	08 43	1 7	26 31
29	M	0 26 23	8 30 40	3 23	8 27	1 51	58 4	26 33
30	Tu	0 30 20	9 29 52	3 46	21 7	2 53	10 55	26 35
31	W	0 34 16	10 29 1	4 9	3 34	3 46	16 15	26 38

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	1 N 28	17 S 22	1 S 26	8 S 49	1 S 58	16 S 10	18 × 18
4	1 26	17 39	1 26	7 23	2 4	14 43	18 9
7	1 24	17 54	1 26	5 55	2 10	13 5	17 59
10	1 23	18 9	1 26	4 26	2 11	11 15	17 50
13	1 21	18 22	1 24	2 55	2 9	9 13	17 40
16	1 19	18 35	1 22	1 24	2 3	7 1	17 31
19	1 17	18 47	1 20	0 N 7	1 52	4 38	17 21
22	1 15	18 58	1 17	1 39	1 35	2 5	17 12
25	1 12	19 8	1 13	3 10	1 12	0 N 37	17 2
28	1 8	19 17	1 9	4 41	0 46	3 25	16 53
31	1 4	19 26	1 4	6 11	0 16	6 16	16 43

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	♃	♄	♅	♀	♁
	° ,	° ,	° ,	° ,	° ,							
1	21 51	11 35	24 24	2 10	52 21	35		Δ		*		
2	21 49	11 45	24 23	12 8	23 8	☉ * ♄						
3	21 47	11 55	24 44	13 23	24 44	♂ □ ♀			□			Δ
4	21 45	12 6	25 5	14 38	26 20	♀ □ ♃				♂		
5	21 43	12 16	25 25	15 52	27 57		Δ	♂	Δ		♂	Δ
6	21 41	12 27	25 45	17 7	29 35	♂ ♂ ♃						□
7	21 39	12 38	26 4	18 22	1 × 15		□					□
8	21 38	12 49	26 23	19 37	2 55							
9	21 36	13 0	26 42	20 52	4 36				Δ		*	
10	21 34	13 11	27 0	22 7	6 19	♀ Δ ♃	*	Δ	♂		*	
11	21 32	13 22	27 18	23 22	8 3						*	
12	21 31	13 33	27 35	24 37	9 48	☉ Δ ♃				□		
13	21 30	13 44	27 52	25 51	11 35	♀ * ♃		□			□	
14	21 29	13 56	28 9	27 6	13 22	♂ * ♄			*			♂
15	21 29	14 7	28 25	28 20	15 11	♀ Δ ♂	♂	*	Δ		Δ	♂
16	21 28	14 19	28 41	29 35	17 1	☉ * ♃						
17	21 28	14 30	28 56	0 50	18 52				□			
18	21 27	14 42	29 11	2 5	20 44	♀ Δ ♃						
19	21 27	14 54	29 25	3 19	22 37		♂	*	♂			*
20	21 26	15 6	29 39	4 34	24 32	☉ Δ ♂	*			♂	*	
21	21 26	15 18	29 52	5 48	26 28	♀ * ♃						
22	21 26	15 30	0 4	7 3	28 25		□					□
23	21 25	15 42	0 16	8 18	0 23	♀ Δ ♂			♂	*		□
24	21 25	15 54	0 28	9 33	2 23		Δ	*			Δ	Δ
25	21 25	16 6	0 39	10 48	4 23	☉ ♂ ♀				□		Δ
26	21 25	16 19	0 49	12 2	6 24			□				
27	21 26	16 31	0 59	13 16	8 26					Δ		
28	21 26	16 44	1 8	14 31	10 29	♀ ∠ ♃		Δ	*		*	
29	21 27	16 56	1 17	15 45	12 32		♂					♂
30	21 28	17 9	1 25	17 0	14 35	♀ □ ♂			□		♂	
31	21 29	17 22	1 33	18 14	16 39	♀ □ ♂						

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	2	0 S 11	19 N 15	0 N 15	21 N 58	0 S 47	16 N 30
4	16	1	0 11	19 17	0 15	21 58	0 47	16 31
7	16	0	0 11	19 19	0 15	21 58	0 47	16 42
10	15	59	0 11	19 21	0 15	21 57	0 46	16 53
13	15	58	0 11	19 23	0 16	21 56	0 46	17 4
16	15	58	0 11	19 25	0 16	21 55	0 46	17 15
19	15	57	0 11	19 27	0 16	21 54	0 45	17 26
22	15	56	0 11	19 30	0 16	21 53	0 45	17 37
25	15	55	0 11	19 32	0 16	21 51	0 45	17 48
28	15	55	0 11	19 34	0 16	21 50	0 44	17 59

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	0 38 13	11 r 28 9	4 N 32	15 m 50	4 S 27	20 S 50	26 s 41
2	F	0 42 9	12 27 14	4 56 27	55 4	55 24	30	26 43
3	S	0 46 6	13 26 18	5 19 9	53 4	10 27	4	26 46
4	S	0 50 3	14 25 20	5 41 21	48 5	12 28	24	26 49
5	M	0 53 59	15 24 20	6 4 3	39 5	1 28	25	26 52
6	Tu	0 57 56	16 23 18	6 27 15	36 4	36 27	7	26 55
7	W	1 1 52	17 22 15	6 50 27	41 3	59 24	33	26 56
8	Th	1 5 49	18 21 10	7 12 10	m 0 3	11 20	49	27 0
9	F	1 9 45	19 20 4	7 34 22	37 2	12 16	4	27 3
10	S	1 13 42	20 18 55	7 57 5	35 1	5 10	28	27 6
11	S	1 17 38	21 17 45	8 19 18	58 0	N 8	4 15	27 9
12	M	1 21 35	22 16 38	8 41 2	46 1	22 2	N 21	27 12
13	Tu	1 25 32	23 15 18	9 3 16	57 2	83 9	1	27 15
14	W	1 29 28	24 14 2	9 24 1	27 3	36 15	22	27 19
15	Th	1 33 25	25 12 44	9 46 16	10 4	26 20	56	27 22
16	F	1 37 21	26 11 24	10 7 0	59 4	57 25	13	27 25
17	S	1 41 18	27 10 2	10 28 15	45 5	9 27	50	27 28
18	S	1 45 14	28 8 37	10 49 0	21 5	1 28	29	27 31
19	M	1 49 11	29 7 11	11 10 14	43 4	34 27	11	27 34
20	Tu	1 53 7	0 s 5 42	11 31 28	47 3	51 24	11	27 38
21	W	1 57 4	1 4 11	11 51 12	33 2	55 19	51	27 41
22	Th	2 1 1	2 2 38	12 12 26	1 1	51 14	36	27 44
23	F	2 4 57	3 1 3	12 32 9	m 12 0	42 8	46	27 47
24	S	2 8 54	3 59 25	12 52 22	10 0	S 28	2	27 50
25	S	2 12 50	4 57 46	13 11 4	55 1	35 3	S 24	27 53
26	M	2 16 47	5 56 4	13 31 17	28 2	37 9	16	27 56
27	Tu	2 20 43	6 54 21	13 50 29	52 3	30 14	42	21 59
28	W	2 24 40	7 52 36	14 9 12	m 7 4	12 19	29	28 3
29	Th	2 28 36	8 50 49	14 28 24	15 4	43 23	25	28 6
30	F	2 32 33	9 49 0	14 46 6	f 15 5	0 26	18	28 9

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 2	19 S 28	1 N 1	6 N 41	0 S 7	7 N 13	16 × 40
4	0 59	19 35	0 56	8 9	0 N 22	10 0	16 31
7	0 55	19 42	0 51	9 36	1 1	12 39	16 21
10	0 50	19 47	0 44	11 0	1 35	15 3	16 12
13	0 45	19 52	0 37	12 23	2 2	17 7	16 2
16	0 39	19 55	0 30	13 42	2 24	18 48	15 53
19	0 33	19 58	0 23	14 59	2 42	20 6	15 43
22	0 26	20 0	0 17	16 12	2 46	20 58	15 34
25	0 19	20 1	0 11	17 21	2 48	21 27	15 24
28	0 11	20 0	0 7	18 27	2 28	21 31	15 15

D M	h ₂		♄		♂		♀		Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /	° /	° /	° /							
1	21 30	17 35	1 40	19 28	18 43	18 43	18 43	18 43	☉ ∠ ☿			Δ	♈		
2	21 31	17 47	1 46	20 43	20 45	20 45	20 45	20 45	☿ ☐ ♈		♈			♊	
3	21 32	18 0	1 51	21 57	22 46	22 46	22 46	22 46	☿ ☐ ♈	Δ					
4	21 33	18 13	1 56	23 11	24 48	24 48	24 48	24 48							Δ Δ
5	21 35	18 26	2 0	24 25	26 48	26 48	26 48	26 48							
6	21 36	18 39	2 4	25 40	28 46	28 46	28 46	28 46		☐	♈	Δ			
7	21 37	18 53	2 7	26 54	0 42	0 42	0 42	0 42	☉ ☐ ♂		Δ			*	☐ ☐
8	21 39	19 6	2 9	28 8	2 34	2 34	2 34	2 34		*	☐				
9	21 41	19 19	2 10	29 22	4 24	4 24	4 24	4 24		*	☐		☐		
10	21 43	19 32	2 10	0 36	6 11	6 11	6 11	6 11						☐	* *
11	21 45	19 45	2 10	1 50	7 54	7 54	7 54	7 54	☉ ☐ ♈		*	Δ	*		
12	21 47	19 58	2 9	3 5	9 35	9 35	9 35	9 35			*			Δ	
13	21 49	20 12	2 8	4 19	11 10	11 10	11 10	11 10		♈		☐			
14	21 52	20 25	2 6	5 33	12 40	12 40	12 40	12 40				*			♈
15	21 54	20 38	2 2	6 47	14 6	14 6	14 6	14 6				*	♈		♈
16	21 57	20 52	1 58	8 15	15 28	15 28	15 28	15 28			♈			♈	
17	21 59	21 5	1 54	9 15	16 45	16 45	16 45	16 45							
18	22 2	21 19	1 49	10 29	17 54	17 54	17 54	17 54		*					
19	22 4	21 33	1 42	11 43	19 2	19 2	19 2	19 2					*		*
20	22 7	21 46	1 35	12 57	20 5	20 5	20 5	20 5		☐	*	♈		Δ	
21	22 10	22 0	1 27	14 11	21 1	21 1	21 1	21 1							☐
22	22 14	22 14	1 19	15 25	21 52	21 52	21 52	21 52	♄ * ♈	Δ	☐		☐	☐	☐
23	22 17	22 28	1 10	16 39	22 37	22 37	22 37	22 37	♀ * ♈						
24	22 19	22 42	1 0	17 53	23 16	23 16	23 16	23 16			Δ	*	Δ		Δ Δ
25	22 24	22 56	0 49	19 6	23 50	23 50	23 50	23 50						*	
26	22 27	23 9	0 37	20 20	24 18	24 18	24 18	24 18				☐			
27	22 31	23 23	0 25	21 34	24 41	24 41	24 41	24 41							
28	22 35	23 37	0 12	22 48	24 58	24 58	24 58	24 58	♀ * ♈	♈					
29	22 38	23 51	29 59	24 2	25 9	25 9	25 9	25 9	♀ ☐ ♈		♈	Δ	♈	♈	♈
30	22 42	24 5	29 45	25 16	25 15	25 15	25 15	25 15	♀ ☐ ♈						

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.		
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'
1	15	52	0 S 11	19 N 36	0 N 17	21 N 48	0 S 44	18 N 9
4	15	52	0 11	19 39	0 17	21 46	0 44	18 20
7	15	51	0 10	19 41	0 17	21 44	0 43	18 30
10	15	51	0 10	19 43	0 17	21 42	0 43	18 40
13	15	50	0 10	19 46	0 17	21 40	0 43	18 50
16	15	49	0 10	19 48	0 17	21 37	0 42	19 0
19	15	49	0 10	19 50	0 17	21 35	0 42	19 10
22	15	48	0 10	19 53	0 18	21 32	0 42	19 19
25	15	48	0 10	19 55	0 18	21 29	0 42	19 29
28	15	47	0 10	19 57	0 18	21 26	0 41	19 38
31	15	47	0 10	19 59	0 18	21 23	0 41	19 46

D M	D W	Sidereal Time.	☉ Long.		♄ Declin		♅ Long.		♆ Lat.		♆ Declin		♃ Long.	
		H. M. S.	°	'	°	'	°	'	°	'	°	'	°	'
1	S	2 36 30	10 8	47 10	15 N 4	18 7 10	5 S 5	27 S 59	28 13					
2	S	2 40 26	11 45	19 15	22 0	17 3	4 56	28 24	28 17					
3	M	2 44 23	12 43	25 15	40 11	55 4	34 27	29 28	28 20					
4	Tu	2 48 19	13 41	31 15	58 23	50 4	125 19	28 24						
5	W	2 52 16	14 39	35 16	15 5	54 3	16 21	59 28	28 27					
6	Th	2 56 12	15 37	37 16	32 18	10 2	22 17	39 28	28 31					
7	F	3 0 9	16 35	39 16	49 0	43 1	20 12	28 28	28 34					
8	S	3 4 5	17 33	39 17	5 13	38 0	12 6	37 28	28 36					
9	S	3 8 2	18 31	37 17	21 27	0 0 N 59	0 17	28 41	28 41					
10	M	3 11 59	19 29	35 17	37 10	50 2	9 6	N 16	28 45					
11	Tu	3 15 55	20 27	31 17	53 25	8 3	13 12	44 28	28 48					
12	W	3 19 52	21 25	25 18	8 9	51 4	6 18	40 28	28 51					
13	Th	3 23 48	22 23	18 18	23 24	52 4	43 23	35 28	28 55					
14	F	3 27 45	23 21	10 18	38 10	2 5	126 56	28 58	28 58					
15	S	3 31 41	24 19	0 18	52 25	10 4	58 28	20 29	29 0					
16	S	3 35 38	25 16	48 19	6 10	5 7	4 34	27 38	29 0					
17	M	3 39 34	26 14	35 19	20 24	44 3	53 25	1 29	29 0					
18	Tu	3 43 31	27 12	20 19	33 8	57 2	58 20	54 29	29 1					
19	W	3 47 28	28 10	4 19	46 22	46 1	54 15	44 29	29 16					
20	Th	3 51 24	29 7	46 19	59 6	10 0	46 9	58 29	29 19					
21	F	3 55 21	0 5	26 20	11 19	14 0 S 23	3 54	29 23	29 23					
22	S	3 59 17	1 3	5 20	23 1	59 1	30 28	10 29	29 26					
23	S	4 3 14	2 0	42 20	35 14	30 2	30 8	2 29	29 30					
24	M	4 7 10	2 58	18 20	46 26	50 3	23 13	30 29	29 33					
25	Tu	4 11 7	3 55	53 20	57 9	1 4	5 18	23 29	29 37					
26	W	4 15 3	4 53	26 21	8 21	5 4	36 22	28 29	29 40					
27	Th	4 19 0	5 50	58 21	18 3	7 4	4 54	25 38	29 43					
28	F	4 22 57	6 48	29 21	28 14	59 4	59 27	34 29	29 47					
29	S	4 26 53	7 45	59 21	37 26	52 4	52 28	17 29	29 51					
30	S	4 30 50	8 43	28 21	47 8	44 4	31 27	41 29	29 54					
31	M	4 34 46	9 40	56 21	55 20	37 3	59 25	49 29	29 57					

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 4	19 59	0 N 6	19 N 28	2 N 9	21 N 12	15 * 5
4	0 S 4	19 56	0 13	20 25	1 32	20 32	14 56
7	0 13	19 53	0 21	21 16	0 53	19 33	14 46
10	0 21	19 48	0 28	22 3	0 S 2	18 21	14 37
13	0 29	19 42	0 36	22 43	0 51	17 2	14 27
16	0 38	19 36	0 43	23 18	1 38	15 46	14 18
19	0 48	19 29	0 50	23 47	2 26	14 41	14 8
22	0 57	19 21	0 57	24 10	2 56	13 52	13 59
25	1 6	19 14	1 4	24 27	3 28	13 23	13 49
28	1 14	19 6	1 10	24 37	3 34	13 16	13 40
31	1 23	18 59	1 17	24 41	3 43	13 28	13 30

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	22 54 46	24 8 19	29 m 31	26 8 29	25 8 16								
2	22 50 24	33 29 R 15	27 43 25	25 B 12									
3	22 55 24	47 28 58	28 56 25	3 8 8	♀ ♂ ♂	Δ							
4	22 59 25	1 28 41	0 10 24	49 8 4	♁ ♂ ♄		Δ		♈	Δ	*		Δ
5	23 3 25	15 28 24	1 23 24	29 8 8	♁ ♂ ♄							Δ	
6	23 7 25	29 28 7	2 37 24	6 8 6		□							□
7	23 12 25	43 27 49	3 50 23	40 8 8			□			□	□	□	
8	23 16 25	57 27 30	5 4 23	11 8 11	♁ * h	*				□	□	□	
9	23 21 26	11 27 10	6 17 22	39 8 39			*	Δ	*	Δ		*	
10	23 25 26	25 26 51	7 31 22	6 8 6	♁ ♂ ♄							*	
11	23 30 26	39 26 31	8 44 21	31 8 31					□				
12	23 35 26	53 26 11	9 58 20	56 8 56	♁ ♂ ☉		♈	♈	*	♈	♈		♈
13	23 40 27	8 25 50	11 11 20	20 8 20									
14	23 45 27	22 25 29	12 25 19	45 8 45	h * ☉								♈
15	23 50 27	36 25 8	13 38 19	12 8 12									
16	23 55 27	50 24 46	14 52 18	40 8 40	☉ ♂ ♂		*	*	♈	*	Δ		*
17	24 0 28	4 24 25	16 5 18	8 8 8									
18	24 6 28	18 24 4	17 18 17	41 8 41	♁ Δ h								
19	24 11 28	33 23 43	18 31 17	17 8 17	☉ ♂ ♄		□	□		□	□	*	□
20	24 17 28	47 23 22	19 44 16	56 8 56	☉ ♂ ♄								
21	24 22 29	1 23 0	20 57 16	39 8 39					*		*	□	Δ
22	24 28 29	15 22 39	22 10 16	26 8 26			Δ	Δ		Δ			
23	24 33 29	29 22 18	23 23 16	18 8 18									
24	24 39 29	43 21 57	24 36 16	14 8 14	♁ ♂ ♄				□			Δ	
25	24 45 29	57 21 37	25 49 16	13 8 13									
26	24 51 0	11 21 17	27 2 16	18 8 18					♈	♈	♈	♈	♈
27	24 57 0	25 20 57	28 15 16	27 8 27									
28	25 3 0	39 20 37	29 29 16	41 8 41	☉ P h								
29	25 9 0	53 20 18	0 42 16	59 8 59									
30	25 15 1	7 20 0	1 55 17	22 8 22									
31	25 21 1	21 19 42	3 8 17	49 8 49					♈	*		Δ	

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	48	08 10	20 N 0	0 N 18	21 N 22	08 41	19 N 49
4	15	48	0 10	20 2	0 18	21 18	0 41	19 58
7	15	47	0 10	20 4	0 19	21 15	0 41	20 6
10	15	47	0 10	20 7	0 19	21 11	0 41	20 14
18	15	47	0 10	20 9	0 19	21 8	0 41	20 22
16	15	46	0 10	20 11	0 19	21 4	0 41	20 30
19	15	46	0 10	20 13	0 19	21 0	0 40	20 37
22	15	46	0 10	20 15	0 20	20 56	0 40	20 44
25	15	46	0 10	20 17	0 20	20 52	0 40	20 51
28	15	46	0 10	20 19	0 20	20 48	0 40	20 57

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	4 38 43	10 38 23	22 N 4	2 34	38 16	22 S 47	0 11
2	W	4 42 39	11 35 49	22 12	14 38	2 24	18 45	0 4
3	Th	4 46 36	12 33 15	22 19	26 54	1 24	13 53	0 8
4	F	4 50 32	13 30 40	22 26	9 25	0 19	8 21	0 11
5	S	4 54 29	14 28 52	22 33	22 16	0 N 49	2 19	0 14
6	S	4 58 26	15 25 29	22 40	5 33	1 56	3 N 59	0 18
7	M	5 2 22	16 22 52	22 46	19 17	2 59	10 19	0 22
8	Tu	5 6 19	17 20 15	22 51	3 31	3 53	16 21	0 25
9	W	5 10 15	18 17 37	22 57	18 13	4 34	21 39	0 29
10	Th	5 14 12	19 14 59	23 1	3 16	4 57	25 41	0 32
11	F	5 18 8	20 12 20	23 6	18 33	4 59	27 56	0 35
12	S	5 22 5	21 9 40	23 10	3 51	4 40	28 4	0 39
13	S	5 26 1	22 7 0	23 14	19 1	4 12	6 5	0 42
14	M	5 29 58	23 4 19	23 17	3 51	3 7	22 20	0 46
15	Tu	5 33 55	24 1 37	23 20	18 16	2 2	17 18	0 49
16	W	5 37 51	24 58 54	23 22	2 13	0 51	11 29	0 52
17	Th	5 41 48	25 56 11	23 24	15 42	08 20	5 20	0 56
18	F	5 45 44	26 53 27	23 25	28 46	1 28	08 51	0 59
19	S	5 49 41	27 50 42	23 27	11 29	2 30	6 50	1 2
20	S	5 53 37	28 47 56	23 27	23 54	3 23	12 25	1 5
21	M	5 57 34	29 45 10	23 28	6 7	4 6	17 26	1 9
22	Tu	6 1 31	0 42 23	23 27	18 10	4 37	21 41	1 12
23	W	6 5 27	1 39 36	23 27	0 8	4 56	25 0	1 15
24	Th	6 9 24	2 36 48	23 26	12 2	5 1	27 14	1 18
25	F	6 13 20	3 33 59	23 25	23 54	4 54	28 13	1 21
26	S	6 17 17	4 31 11	23 23	5 47	4 34	27 54	1 24
27	S	6 21 13	5 28 22	23 21	17 41	4 2	26 17	1 27
28	M	6 25 10	6 25 33	23 18	29 39	3 19	23 29	1 30
29	Tu	6 29 6	7 22 44	23 15	11 42	2 27	19 38	1 33
30	W	6 33 3	8 19 55	23 12	23 52	1 27	14 57	1 35

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 8 10	20 N 20	0 N 20	20 N 43	0 8 39	21 N 4
4	15	45	0 10	20 22	0 20	20 39	0 39	21 10
7	15	45	0 10	20 24	0 21	20 34	0 39	21 16
10	15	45	0 10	20 25	0 21	20 30	0 39	21 21
13	15	45	0 10	20 27	0 21	20 25	0 39	21 27
16	15	46	0 10	20 29	0 22	20 20	0 39	21 32
19	15	46	0 10	20 30	0 22	20 15	0 39	21 37
22	15	46	0 10	20 31	0 22	20 11	0 39	21 41
25	15	46	0 10	20 33	0 23	20 6	0 38	21 46
28	15	47	0 10	20 34	0 23	20 1	0 38	21 50
31	15	47	0 10	20 35	0 23	19 56	0 38	21 54
D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	6 37 0	9 51 17	7 23 N 8	6 41 12	0 8 22	9 8 35	1 11 39
2	F	6 40 56	10 14 18	23 4	18 47	0 N 45	3 45	1 42
3	S	6 44 53	11 11 30	22 59	1 39	1 51	2 N 21	1 43
4	S	6 48 49	12 8 42	22 54	14 53	2 54	8 32	1 48
5	M	6 52 46	13 5 54	22 49	28 31	3 48	14 30	1 51
6	Tu	6 56 42	14 3 7	22 43	12 35	4 31	19 56	1 54
7	W	7 0 39	15 0 20	22 37	27 6	4 58	24 21	1 56
8	Th	7 4 35	15 57 34	22 30	11 58	5 6	27 17	1 59
9	F	7 8 32	16 54 48	22 23	27 5	4 52	28 18	2 1
10	S	7 12 29	17 52 2	22 16	12 18	4 19	27 11	2 4
11	S	7 16 25	18 49 16	22 8	27 25	3 27	24 4	2 7
12	M	7 20 22	19 46 31	22 0	12 18	2 22	19 23	2 9
13	Tu	7 24 18	20 43 46	21 52	26 48	1 8	13 40	2 12
14	W	7 28 15	21 41 1	21 43	10 52	0 8	7 24	2 14
15	Th	7 32 11	22 38 17	21 33	24 28	1 19	0 59	2 17
16	F	7 36 8	23 35 32	21 24	7 37	2 25	5 8	2 19
17	S	7 40 4	24 32 48	21 14	20 23	3 22	11 5	2 22
18	S	7 44 1	25 30 4	21 4	2 49	4 8	16 20	2 24
19	M	7 47 58	26 27 20	20 53	15 1	4 41	20 50	2 27
20	Tu	7 51 54	27 24 36	20 42	27 2	5 2	24 24	2 29
21	W	7 55 51	28 21 52	20 30	8 57	5 9	26 54	2 32
22	Th	7 59 47	29 19 9	20 19	20 49	5 3	28 11	2 34
23	F	8 3 44	0 16 27	20 7	2 42	4 44	28 10	2 36
24	S	8 7 40	1 13 45	19 54	14 37	4 12	26 50	2 38
25	S	8 11 37	2 11 3	19 41	26 36	3 29	24 17	2 40
26	M	8 15 33	3 8 23	19 28	8 41	2 37	20 37	2 42
27	Tu	8 19 30	4 5 43	19 15	20 55	1 36	16 3	2 44
28	W	8 23 27	5 3 3	19 1	3 18	0 30	10 47	2 46
29	Th	8 27 23	6 0 25	18 47	15 51	0 N 38	5 0	2 48
30	F	8 31 20	6 57 48	18 33	28 37	1 46	1 N 4	2 50
31	S	8 35 16	7 55 12	18 18	11 39	2 50	7 13	2 52

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	28 19	18 58	1 N 45	19 N 18	0 N 26	23 N 52	11 × 51
4	2 22	19 7	1 45	18 17	0 54	24 11	11 41
7	2 25	19 18	1 44	17 11	1 18	24 4	11 32
10	2 28	19 30	1 41	16 1	1 34	23 33	11 22
13	2 30	19 43	1 37	14 47	1 46	22 39	11 13
16	2 32	19 58	1 33	13 31	1 46	21 25	11 3
19	2 33	20 14	1 29	12 11	1 47	19 56	10 54
22	2 33	20 36	1 24	10 48	1 36	18 15	10 44
25	2 34	20 47	1 18	9 24	1 27	16 26	10 34
28	2 35	21 5	1 11	7 58	1 6	14 31	10 26
31	2 36	21 24	1 8	6 29	0 46	13 32	10 15

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° ' "	° ' "	° ' "	° ' "	° ' "		° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	28 56	8 23	16 24	10 31	0 34	☿ ☐ ♄	Δ	☐		☐		Δ	
2	29 3	8 36	16 30	11 43	2 41			*	Δ			Δ	
3	29 11	8 49	16 37	12 54	4 50			*	Δ				☐
4	29 18	9 2	16 45	14 6	6 59		☐			*		Δ	
5	29 26	9 15	16 54	15 18	9 8				☐				
6	29 33	9 28	17 4	16 29	11 18		*		*		♄	☐	*
7	29 41	9 41	17 14	17 41	13 28			♄	*		♄		
8	29 49	9 53	17 25	18 53	15 37	☉ ☉ ☿				♄		*	
9	29 56	10 6	17 36	20 4	17 47	☿ ☐ ☿							
0	0 4	10 18	17 48	21 15	19 56	☉ ☐ ☿	☉						
1	0 11	10 31	18 1	22 26	22 3	☉ ☐ ☿		*	♄		Δ		♄
2	0 19	10 43	18 15	23 38	24 10					*			
3	0 27	10 55	18 29	24 49	26 15	☿ ☐ ☿		☐			☐	♄	
4	0 34	11 7	18 44	26 0	28 19						☐		
5	0 42	11 20	18 59	27 11	0 22	☿ ☉ ☿	*		*		*		
6	0 49	11 32	19 15	28 22	2 23	☿ * ☿		Δ		Δ			*
7	0 57	11 44	19 32	29 33	4 22		☐						
8	1 5	11 56	19 49	0 44	6 20				☐			*	☐
9	1 13	12 8	20 7	1 55	8 16	☿ ☐ ☿					♄		
0	1 20	12 20	20 25	3 6	10 10	☉ ☐ ☿	Δ	♄	Δ				
1	1 28	12 32	20 44	4 17	12 3	☿ * ☿				♄		☐	Δ
2	1 36	12 44	21 3	5 28	13 53								
3	1 44	12 55	21 23	6 39	15 42							Δ	
4	1 52	13 7	21 44	7 50	17 30								
5	2 0	13 18	22 5	9 1	19 15	☉ ☉ ☿			♄		*		
6	2 7	13 29	22 10	11 22	21 59	☉ * ☿	♄	Δ		Δ			
7	2 15	13 40	22 49	11 21	22 41	☿ ☐ ☿					☐		♄
8	2 23	13 51	22 11	12 31	24 21			☐					
9	2 30	14 2	23 34	13 41	26 0	☿ ☐ ☿					☐		♄
0	2 38	14 13	23 58	14 51	27 37			*	Δ		Δ		
1	2 46	14 24	24 22	16 1	29 12		Δ			*			

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	48	08 10	20 N35	0 N23	19 N54	08 38	21 N55
4	15	48	0 10	20 38	0 23	19 49	0 38	21 53
7	15	49	0 10	20 37	0 24	19 44	0 39	22 2
10	15	49	0 10	20 38	0 24	19 39	0 39	22 3
13	15	50	0 10	20 39	0 24	19 33	0 39	22 8
16	15	50	0 10	20 40	0 25	19 28	0 39	22 10
19	15	51	0 10	20 40	0 25	19 23	0 39	22 13
22	15	51	0 10	20 41	0 25	19 18	0 39	22 15
25	15	52	0 10	20 41	0 26	19 13	0 39	22 17
28	15	53	0 10	20 42	0 26	19 8	0 39	22 19
31	15	53	0 10	20 42	0 26	19 3	0 39	22 21

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	8 39 13	8 52 37	18 N 3	24 7 57	3 N 46	13 N 10	20 54
2	M	8 43 9	9 50 4	17 48	8 35	4 31	18 38	2 56
3	Tu	8 47 6	10 47 31	17 39	22 32	5 12	23 16	3 58
4	W	8 51 3	11 45 0	17 17	6 49	5 13	26 37	3 0
5	Th	8 54 59	12 42 30	17 1	21 24	5 6	28 16	3 2
6	F	8 58 56	13 40 2	16 44	6 510	4 39	27 57	3 4
7	S	9 2 52	14 37 35	16 29	21 3	3 52	25 38	3 5
8	S	9 6 49	15 35 8	16 11	5 54	2 50	21 34	3 7
9	M	9 10 45	16 32 44	15 53	20 35	1 38	16 11	3 9
10	Tu	9 14 42	17 30 20	15 36	4 59	0 20	10 0	3 11
11	W	9 18 36	18 27 57	15 18	19 1	0 8	57 3	3 12
12	Th	9 22 35	19 25 36	15 0	2 38	2 8	3 8	3 13
13	F	9 26 32	20 23 15	14 42	15 51	3 11	9 11	3 14
14	S	9 30 28	21 20 56	14 24	28 41	4 2	14 47	3 15
15	S	9 34 25	22 18 37	14 5	11 11	4 40	19 38	3 17
16	M	9 38 21	23 16 20	13 46	23 24	5 5	23 33	3 18
17	Tu	9 42 18	24 14 4	13 27	5 27	5 15	26 24	3 19
18	W	9 46 14	25 11 48	13 8	17 22	5 12	28 2	3 20
19	Th	9 50 11	26 9 34	12 49	29 14	4 56	28 23	3 21
20	F	9 54 7	27 7 21	12 29	11 8	4 27	27 25	3 22
21	S	9 58 4	28 5 10	12 9	23 6	3 46	25 11	3 23
22	S	10 2 1	29 2 59	11 49	5 12	2 55	21 48	3 24
23	M	10 5 57	0 50 11	29 17	28	1 54	17 26	3 25
24	Tu	10 9 54	0 58 43	11 8	29 55	0 48	12 16	3 26
25	W	10 13 50	1 56 37	10 48	12 35	0 N 22	6 30	3 27
26	Th	10 17 47	2 54 32	10 27	25 28	1 32	0 24	3 28
27	F	10 21 43	3 52 29	10 6	8 34	2 39	5 N 50	3 29
28	S	10 25 40	4 50 28	9 45	21 54	3 38	11 54	3 30
29	S	10 29 36	5 48 29	9 23	5 28	4 26	17 31	3 31
30	M	10 33 33	6 46 32	9 2	19 14	4 59	22 20	3 32
31	Tu	10 37 29	7 44 37	8 40	3 13	5 16	25 59	3 33

1858.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

17

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	28 36	21 S 30	1 N 0	5 N 59	0 N 42	11 N 52	10 × 12
4	2 37	21 49	0 51	4 28	0 18	9 52	10 3
7	2 37	22 8	0 42	2 57	0 S 1	7 53	9 53
10	2 37	22 26	0 31	1 25	0 34	5 56	9 44
13	2 37	22 45	0 20	0 S 7	1 5	4 4	9 34
16	2 37	23 4	0 9	1 40	1 30	2 17	9 25
19	2 36	23 22	0 S 2	3 12	2 7	0 39	9 15
22	2 36	23 40	0 14	4 44	2 28	0 S 50	9 6
25	2 36	23 56	0 27	6 15	3 6	2 5	8 56
28	2 35	24 13	0 41	7 45	3 18	3 4	8 47
31	2 35	24 28	0 55	9 14	3 49	3 42	8 37

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	2 54 14	♄ 35 24	♅ 46 17	♀ 11 0	♁ 46 17	h * h						
2	3 14 46	♄ 25 11	♅ 18 21	♀ 18 2	♁ 18 2	♀ □ h	☐		☐			Δ
3	3 14 57	♄ 25 36	♅ 19 31	♀ 48 3	♁ 48 3						♂	Δ
4	3 16 7	♄ 26 22	♅ 41 5	♀ 16 5	♁ 16 5		*	♂	*			☐
5	3 24 18	♄ 26 28	♅ 21 51	♀ 43 6	♁ 43 6				♂			☐
6	3 32 15	♄ 26 55	♅ 23 1	♀ 8 1	♁ 8 8							*
7	3 40 15	♄ 27 38	♅ 24 10	♀ 9 9	♁ 31 3						Δ	*
8	3 47 15	♄ 27 48	♅ 25 20	♀ 10 52	♁ 52 10	☉ * ♄	♂	*	♂		*	
9	3 55 15	♄ 28 58	♅ 26 17	♀ 12 29	♁ 12 11		♂		*			☐
10	4 3 16	♄ 28 8	♅ 27 39	♀ 13 39	♁ 28 13		☐		*		☐	
11	4 11 16	♄ 29 17	♅ 28 14	♀ 14 48	♁ 45 14					☐		♂
12	4 18 16	♄ 29 27	♅ 29 42	♀ 15 57	♁ 58 15	♀ □ ♄		Δ	*		*	♂
13	4 26 16	♄ 30 0	♅ 11 1	♀ 17 1	♁ 10 6		*			Δ		
14	4 34 16	♄ 40 0	♅ 2 41	♀ 18 2	♁ 18 15				☐			
15	4 41 16	♄ 55 1	♅ 11 3	♀ 19 24	♁ 26 19	♀ Δ h						
16	4 48 17	♄ 5 1	♅ 41 4	♀ 20 33	♁ 20 30	♀ * h	☐		♂			*
17	4 55 17	♄ 14 2	♅ 12 5	♀ 21 42	♁ 32 42			♂	Δ		♂	*
18	5 3 17	♄ 23 2	♅ 43 6	♀ 22 51	♁ 32 51					♂		☐
19	5 11 17	♄ 32 3	♅ 14 7	♀ 24 59	♁ 28 59	♂ ♀ h	Δ					
20	5 18 17	♄ 40 3	♅ 45 9	♀ 23 7	♁ 22 7							☐
21	5 26 17	♄ 49 4	♅ 10 17	♀ 25 15	♁ 13 15				Δ	♂		Δ
22	5 33 17	♄ 57 4	♅ 11 49	♀ 26 23	♁ 2 26				♂		*	
23	5 40 18	♄ 5 5	♅ 12 22	♀ 26 31	♁ 26 31					Δ		Δ
24	5 47 18	♄ 13 5	♅ 13 54	♀ 27 39	♁ 27 39	♂ Δ h	♂	☐				
25	5 54 18	♄ 21 6	♅ 14 27	♀ 28 47	♁ 28 4					☐	☐	
26	6 2 18	♄ 29 7	♅ 15 0	♀ 28 55	♁ 33 55							♂
27	6 9 18	♄ 37 7	♅ 17 34	♀ 29 22	♁ 7 29	☉ □ h		*	Δ		Δ	
28	6 16 18	♄ 45 8	♅ 18 8	♀ 29 10	♁ 31 10	♀ □ h				*		♂
29	6 24 18	♄ 52 8	♅ 19 42	♀ 29 17	♁ 50 17	♀ Δ ♄	Δ		☐			
30	6 31 19	♄ 0 9	♅ 20 17	♀ 24 0	♁ 4 24							
31	6 38 19	♄ 7 9	♅ 21 51	♀ 13 31	♁ 13 0		☐	♂	*			Δ

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	15 53	0 8 10	20 N 42	0 N 26	19 N 1	0 8 39	22 N 22
4	15 54	0 10	20 42	0 27	18 56	0 39	22 23
7	15 54	0 10	20 42	0 27	18 51	0 39	22 25
10	15 55	0 10	20 42	0 27	18 47	0 39	22 26
13	15 56	0 10	20 42	0 28	18 42	0 39	22 27
16	15 56	0 10	20 42	0 28	18 37	0 40	22 28
19	15 57	0 10	20 42	0 28	18 33	0 40	22 28
22	15 58	0 10	20 42	0 29	18 29	0 40	22 29
25	15 59	0 10	20 41	0 29	18 24	0 40	22 30
28	16 0	0 10	20 41	0 29	18 20	0 40	22 30

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	W	10 41 26	8 42 43	8 N 19	17 11 23	5 N 13	28 N 3	3 11 29
2	Th	10 45 23	9 40 52	7 57	1 54 1	4 52 28	19	3 30
3	F	10 49 19	10 39 2	7 35 16	6	4 12 26	39	3 30
4	S	10 53 16	11 37 15	7 13	0 52 32	3 16 23	14	3 30
5	S	10 57 12	12 35 29	6 50 14	57	2 8 18	24	3 31
6	M	11 1 9	13 33 46	6 28 29	14	0 52 12	34	3 31
7	Tu	11 5 5	14 32 4	6 6 13	19	0 8 26	6 10	3 31
8	W	11 9 2	15 30 24	5 43 27	8	1 41 0 8	24	3 31
9	Th	11 12 59	16 28 46	5 20 10	39	2 48 6	48	3 31
10	F	11 16 55	17 27 10	4 58 23	49	3 45 12	44	3 31
11	S	11 20 52	18 25 35	4 35 6	38	4 29 17	58	3 31
12	S	11 24 48	19 24 2	4 12 19	9	4 58 22	18	3 31
13	M	11 28 45	20 22 31	3 49 1	25	5 14 25	35	3 31
14	Tu	11 32 41	21 21 1	3 26 13	28	5 15 27	39	3 31
15	W	11 36 38	22 19 33	3 3 25	23	5 3 28	25	3 30
16	Th	11 40 34	23 18 7	2 40 7	16	4 37 27	58	3 30
17	F	11 44 31	24 16 42	2 16 19	10	4 0 26	3	3 29
18	S	11 48 27	25 15 19	1 53 1	10	3 12 23	3	3 29
19	S	11 52 24	26 13 58	1 30 13	20	2 15 18	59	3 28
20	M	11 56 21	27 12 38	1 7 25	44	1 11 14	4	3 28
21	Tu	12 0 17	28 11 20	0 43 8	24	0 1 8	27	3 27
22	W	12 4 14	29 10 4	0 20 21	22	1 N 10	2 22	3 26
23	Th	12 8 10	0 8 50	0 8 4	87	2 18 3	N 57	3 26
24	F	12 12 7	1 7 38	0 27 18	9	3 20 10	13	3 25
25	S	12 16 3	2 6 29	0 50 1	56	4 12 16	6	3 24
26	S	12 20 0	3 5 21	1 14 15	54	4 50 21	14	3 23
27	M	12 23 56	4 4 16	1 37 0	11	5 10 25	13	3 22
28	Tu	12 27 53	5 3 12	2 1 14	12	5 12 27	41	3 21
29	W	12 31 50	6 2 12	2 24 28	24	4 54 28	21	3 20
30	Th	12 35 46	7 1 13	2 47 12	36	4 19 27	10	3 19

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	2 S 34	24 S 33	0 S 59	9 S 43	3 S 57	3 S 49	8 × 34
4	2 33	24 46	1 13	11 10	3 54	3 50	8 24
7	2 31	24 59	1 27	12 35	3 54	3 18	8 15
10	2 30	25 10	1 41	13 57	3 33	2 10	8 5
13	2 28	25 20	1 55	15 17	3 16	0 33	7 56
16	2 27	25 29	2 10	16 34	2 33	1 N 23	7 46
19	2 25	25 35	2 25	17 49	1 43	3 16	7 37
22	2 24	25 40	2 39	18 59	0 47	4 45	7 27
25	2 22	25 44	2 53	20 7	0 N 5	5 37	7 18
28	2 21	25 45	3 7	21 10	0 47	5 44	7 8

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	6 Ω 45	19 Π 14	10 ♄ 26	22 ♀ 39	0 ♄ 18							♈	♉	Δ
2	6 52	19 21	11 123	45 0 ♄ 13										□
3	6 59	19 28	11 36	24 52	0 5		*							
4	7 6	19 34	12 11	25 58	29 ♄ 50			*	♈					□ *
5	7 13	19 41	12 47	27 42	29 28					*		Δ		
6	7 19	19 47	13 23	28 11	29 0	☉ ☉ ♄		□					*	
7	7 26	19 53	13 59	29 17	28 25			♈				□	□	
8	7 32	19 59	14 35	0 ♄ 23	27 45				Δ					♈
9	7 39	20 5	15 12	1 28	26 57	☉ ♄ ♀			*		*			
10	7 45	20 11	15 49	2 34	26 6							Δ		
11	7 52	20 17	16 26	3 39	25 11					□				♈
12	7 59	20 22	17 3	4 44	24 11			*						*
13	8 5	20 27	17 41	5 49	23 9	☉ ☉ ♄				♈				
14	8 11	20 32	18 18	6 54	22 7	☉ ☉ ♄				Δ		♈		
15	8 18	20 37	18 56	7 58	21 5	♀ ☉ ♄		□				♈		□
16	8 24	20 41	19 34	9 2	20 5	♀ ☉ ♄							*	
17	8 30	20 45	20 12	10 6	19 8			Δ						Δ
18	8 36	20 49	20 51	11 10	18 16	♈ ♈ ♄			Δ		♈			
19	8 42	20 53	21 30	12 14	17 30								□	
20	8 48	20 57	22 9	13 18	16 52						♈	Δ	*	
21	8 54	21 1	22 48	14 21	16 22				□					Δ
22	9 0	21 5	23 27	15 24	16 2							□	□	♈
23	9 6	21 9	24 6	16 26	15 52	♀ * ♀		♈	*	Δ				
24	9 12	21 12	24 46	17 29	15 50						*	Δ		
25	9 18	21 15	25 25	18 31	16 D 0									
26	9 23	21 18	26 5	19 33	16 19	☉ Δ ♄				□			♈	Δ
27	9 29	21 20	26 45	20 34	16 48			Δ	♈					
28	9 35	21 22	27 25	21 35	17 26					*				□
29	9 40	21 24	28 5	22 36	18 14						♈	♈		
30	9 45	21 26	28 45	23 36	19 9			□						

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	1	0 S 10	20 N 40	0 N 30	18 N 16	0 S 40	22 N 31
4	16	2	0 10	20 39	0 30	18 13	0 40	22 31
7	16	3	0 10	20 39	0 30	18 9	0 40	22 31
10	16	4	0 10	20 38	0 31	18 6	0 40	22 31
13	16	5	0 10	20 37	0 31	18 2	0 40	22 31
16	16	5	0 10	20 36	0 31	17 59	0 40	22 31
19	16	6	0 10	20 35	0 32	17 57	0 40	22 31
22	16	7	0 10	20 34	0 32	17 54	0 40	22 31
25	16	8	0 10	20 33	0 33	17 52	0 40	22 31
28	16	9	0 10	20 31	0 34	17 50	0 40	22 31
31	16	9	0 10	20 30	0 34	17 48	0 39	22 31

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♂ Long. ° ' "	♂ Lat. ° ' "	♂ Declin. ° ' "	♂ Long. ° ' "
1	F	12 39 43	8 0 17	3 S 11	26 54 45	3 N 28	24 N 14	3 11 15
2	S	12 43 39	8 59 23	3 34	10 2 48	2 25	19 52	3 11 17
3	S	12 47 36	9 58 31	3 57	24 46	1 14	14 26	3 11 16
4	M	12 51 32	10 57 42	4 20	8 35	0 8	1 8 20	3 11 15
5	Tu	12 55 29	11 56 55	4 44	22 15	1 15	1 56	3 11 14
6	W	12 59 25	12 56 10	5 7	5 42	2 23	4 8 28	3 11 14
7	Th	13 3 22	13 55 28	5 30	18 56	3 23	10 33	3 11 11
8	F	13 7 19	14 54 47	5 53	1 55	4 10	16 4	3 11 10
9	S	13 11 15	15 54 8	6 16	14 38	4 44	20 46	3 11 8
10	S	13 15 12	16 53 31	6 39	27 5	5 42	24 27	3 11 7
11	M	13 19 8	17 52 57	7 1	9 19	5 9	26 58	3 11 5
12	Tu	13 23 5	18 52 24	7 24	21 21	5 1	28 11	3 11 4
13	W	13 27 1	19 51 52	7 46	3 15	4 40	28 5	3 11 2
14	Th	13 30 58	20 51 23	8 9	15 6	4 6	26 41	3 11 1
15	F	13 34 54	21 50 55	8 31	26 59	3 22	24 5	2 59
16	S	13 38 51	22 50 29	8 53	8 57	2 29	20 26	2 57
17	S	13 42 48	23 50 5	9 15	21 8	1 28	15 52	2 55
18	M	13 46 44	24 49 42	9 37	3 34	0 22	10 33	2 53
19	Tu	13 50 41	25 49 22	9 59	16 21	0 N 46	4 41	2 51
20	W	13 54 37	26 49 31	10 21	29 31	1 55	1 N 33	2 50
21	Th	13 58 34	27 48 46	10 42	13 4	2 58	7 54	2 48
22	F	14 2 30	28 48 31	11 4	27 0	3 54	14 2	2 46
23	S	14 6 27	29 48 18	11 25	11 14	4 34	19 33	2 44
24	S	14 10 23	0 48 7	11 46	25 42	4 59	24 2	2 42
25	M	14 14 20	1 47 58	12 7	10 16	5 5	27 2	2 40
26	Tu	14 18 17	2 47 51	12 27	24 50	4 51	28 12	2 38
27	W	14 22 13	3 47 46	12 48	9 17	4 18	27 26	2 36
28	Th	14 26 10	4 47 44	13 8	23 35	3 30	24 51	2 34
29	F	14 30 6	5 47 43	13 28	7 40	2 29	20 47	2 32
30	S	14 34 3	6 47 45	13 48	21 31	1 21	15 37	2 30
31	S	14 37 59	7 47 49	14 7	5 10	0 9	9 46	2 28

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	2 S 18	25 S 45	3 S 21	22 S 10	1 N 20	5 N 10	6 * 58
4	2 16	25 42	3 33	23 5	1 39	4 1	6 49
7	2 14	25 38	3 45	23 56	1 46	2 25	6 39
10	2 12	25 31	3 56	24 42	1 49	0 31	6 30
13	2 10	25 23	4 7	25 24	1 43	1 S 34	6 20
16	2 7	25 12	4 17	26 1	1 36	3 44	6 11
19	2 4	24 59	4 25	26 33	1 21	5 56	6 1
22	2 1	24 44	4 32	27 0	1 7	8 6	5 52
25	1 59	24 26	4 37	27 22	0 49	10 13	5 42
28	1 57	24 7	4 42	27 39	0 32	12 15	5 33
31	1 55	23 46	4 46	27 51	0 14	14 11	5 23

D M	h	♄	♅	♆	♇	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° ' "	° ' "	° ' "	° ' "	° ' "								
1	9 52 50	21 11 28	29 7 26	24 m 37	20 m 13			*				Δ	*
2	9 56	21 30	0 w 6	25 37	21 21	♅ □ ♄	*		♈				
3	10 12	21 32	0 47	26 36	22 36	☉ * ♈				*	Δ	□	
4	10 6	21 33	1 28	27 35	23 57			□					♈
5	10 11	21 34	2 9	28 34	25 22	♅ ∠ ♈				□			
6	10 16	21 35	2 50	29 32	26 52			♈	Δ	*		□	*
7	10 21	21 35	3 31	0 ♄ 30	28 23		♈				Δ		
8	10 27	21 36	4 12	1 28	29 58							*	
9	10 32	21 36	4 54	2 25	1 ♄ 36				□				
10	10 36	21 36	5 36	3 22	3 14	♅ ♄ ♈		♈					
11	10 40	21 37	6 18	4 18	4 54	☉ □ ♈			Δ			♈	*
12	10 44	21 36	7 0	5 14	6 36	♅ □ ♄	*			♈			
13	10 48	21 35	7 42	6 9	8 17						♈		□
14	10 52	21 34	8 24	7 3	10 1			□					
15	10 56	21 33	9 6	7 58	11 44	☉ Δ ♄		Δ					
16	11 0	21 32	9 48	8 50	13 27				♈			*	Δ
17	11 4	21 31	10 30	9 43	15 10		Δ			Δ			
18	11 8	21 30	11 13	10 35	16 53			□					
19	11 12	21 28	11 56	11 27	18 36	♅ Δ ♈				□	*	□	
20	11 15	21 26	12 39	12 18	20 19	♈ □ ♈		*					
21	11 19	21 24	13 22	13 8	22 1	♅ Δ ♄			Δ			□	Δ
22	11 22	21 22	14 5	13 57	23 43		♈			*			♈
23	11 25	21 19	16 48	14 46	25 23	☉ ∠ ♅			□		Δ		
24	11 29	21 16	15 31	15 34	27 5			♈					
25	11 32	21 13	16 14	16 21	28 46				*			♈	
26	11 35	21 10	16 57	17 7	0 m 26						♈		Δ
27	11 38	21 7	17 41	17 52	2 5		Δ						
28	11 41	21 8	18 24	18 36	3 44	♅ ∠ ♅						♈	
29	11 44	20 59	19 8	19 20	5 23	☉ □ ♄		□	*	♈			□
30	11 46	20 55	19 51	20 2	7 1	☉ ♈ ♅				*		Δ	
31	11 49	20 51	20 34	20 48	8 39	♅ ♄ ♄	*	□					*

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08 10	20 N30	0 N34	17 N47	08 39	22 N35
4	16	9	0 10	20 28	0 35	17 46	0 39	22 27
7	16	10	0 10	20 27	0 35	17 45	0 39	22 26
10	16	11	0 10	20 26	0 36	17 44	0 39	22 25
13	16	12	0 10	20 24	0 36	17 43	0 39	22 24
16	16	12	0 10	20 23	0 36	17 43	0 39	22 23
19	16	13	0 10	20 21	0 37	17 43	0 39	22 21
22	16	13	0 10	20 20	0 37	17 43	0 39	22 20
25	16	14	0 10	20 18	0 38	17 43	0 38	22 18
28	16	14	0 10	20 17	0 38	17 44	0 38	22 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	M	14 41 56	8 m 47 55	14 S 27	18 m 36	18 2	3 N33	21 25
2	Tu	14 45 52	9 48 4	14 46	1 Δ 51	2 9	28 43	21 23
3	W	14 49 49	10 48 14	15 51 4	51 4 55	3 8	8 46	2 20
4	Th	14 53 46	11 48 26	15 23 27	48 3 56	14 22	2 13	2 13
5	F	14 57 42	12 48 40	15 42 10	m 30	4 32	19 17	2 15
6	S	15 1 39	13 48 56	16 0 23	0 4 54	23 16	2 15	2 15
7	S	15 5 35	14 49 14	16 18 5	f 19	5 1 26	9 2 11	2 11
8	M	15 9 32	15 49 34	16 35 17	27 4 55	27 46	2 9	2 9
9	Tu	15 13 28	16 49 54	16 53 29	26 4 36	28 4 2	2 1	2 1
10	W	15 17 25	17 50 17	17 10 11	w 16	4 5 27	3 2 1	2 1
11	Th	15 21 21	18 50 41	17 27 23	6 3 24	24 50	2 1	2 1
12	F	15 25 18	19 51 6	17 43 4	m 56	2 38	21 32	1 56
13	S	15 29 15	20 51 33	17 59 16	51 1 36	17 19	1 56	1 56
14	S	15 33 11	21 52 1	18 16 28	58 0 33	12 22	1 53	1 53
15	M	15 37 8	22 52 30	18 30 11	x 22	0 N32	6 49	1 50
16	Tu	15 41 4	23 53 1	18 46 24	7 1 38	0 50	1 48	1 48
17	W	15 45 1	24 53 33	19 0 7	r 18	2 41	5 N22	1 46
18	Th	15 48 57	25 54 6	19 15 20	58 3 36	11 32	1 4	1 4
19	F	15 52 54	26 54 41	19 29 5	8 6 4 21	17 19	1 4	1 4
20	S	15 56 50	27 55 16	19 43 19	36 4 50	22 18	1 2	1 2
21	S	16 0 47	28 55 54	19 56 4	Π 29	5 0 25	58 1 3	1 3
22	M	16 4 44	29 56 33	20 9 19	30 4 50	27 52	1 2	1 2
23	Tu	16 8 40	0 f 57	13 20 22	45 30	4 20	27 43	1 2
24	W	16 12 37	1 57 55	20 34 19	21 3 32	25 34	1 2	1 2
25	Th	16 16 33	2 58 38	20 46 3	Q 56	3 31	21 44	1 2
26	F	16 20 30	3 59 23	20 58 18	10 1 22	16 43	1 2	1 2
27	S	16 24 26	5 0 9	21 9 2	w 4	0 10	10 54	1 2
28	S	16 28 23	6 0 57	21 20 15	37 18 1	4 44	1 17	1 17
29	M	16 32 19	7 1 47	21 30 28	51 2 7	18 29	1 16	1 16
30	Tu	16 36 16	8 2 38	21 40 11	Δ 50	3 6	7 22	1 14

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	1 S 54	23 S 38	4 S 45	27 S 54	0 N 7	14 S 48	5 × 20
4	1 51	23 13	4 44	28 0	0 S 12	16 35	5 11
7	1 48	22 47	4 41	28 2	0 31	18 14	5 1
0	1 45	22 18	4 35	27 59	0 51	19 46	4 52
3	1 42	21 48	4 26	27 51	1 8	21 8	4 42
6	1 39	21 15	4 14	27 39	1 25	22 22	4 33
9	1 36	20 41	3 56	27 23	1 41	23 25	4 23
12	1 33	20 5	3 37	27 2	1 55	24 18	4 14
15	1 31	19 27	3 9	26 36	2 6	24 59	4 4
18	1 28	18 47	2 36	26 6	2 16	25 29	3 55

D M	♄	♀	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	♁	♂	♂	♂	♂	♂
	° /	° /	° /	° /	° /								
1	11 Ω 52	20 ♀ 47	21 ♀ 19	21 ♀ 22	10 ♀ 16						Δ	□	□
2	11 54	20 ♀ 43	22 22	2 11	53	♂ □ ♄		Δ					
3	11 57	20 38	22 46	22 40	13 29				*	Δ			
4	11 59	20 33	23 30	23 17	15 5	☉ □ ♄					□	*	
5	12 1	20 28	24 14	23 52	16 41		♄		□				
6	12 3	20 23	24 58	24 26	18 16						*		♄
7	12 5	20 18	25 43	24 58	19 51			♄					
8	12 7	20 13	26 27	25 29	21 25				Δ	♄			
9	12 8	20 7	27 12	25 59	22 59								♄
0	12 10	20 1	27 56	26 27	24 33								
1	12 12	19 55	28 41	26 54	26 6		*				♄		*
2	12 13	19 49	29 25	27 18	27 39	♀ □ ♄		Δ					
3	12 14	19 43	0 ♀ 10	27 42	29 12		□		♄	Δ			
4	12 15	19 37	0 55	28 1	0 ♀ 45	♂ * ♂		□				*	□
5	12 16	19 30	1 39	28 20	2 17	♂ ♂ ♁							
6	12 17	19 23	2 23	28 37	3 49		Δ		*		□		□
7	12 17	19 16	3 8	28 53	5 21			*	Δ		*		Δ
8	12 18	19 9	3 52	29 6	6 53	♄ □ ♄					*		
9	12 18	19 2	4 37	29 16	8 24				□		□	Δ	
0	12 19	18 55	5 22	29 24	9 56								
1	12 19	18 48	6 7	29 30	11 27		♄	♄			Δ		
2	12 19	18 41	6 52	29 35	12 57	♂ Δ ♄			*	♄			♄
3	12 20	18 34	7 37	29 37	14 28							♄	
4	12 20	18 27	8 22	29 35	15 58	☉ ♂ ♁							
5	12 ♀ 20	18 19	9 7	29 32	17 28		Δ	*			♄		
6	12 20	18 11	9 52	29 26	18 57	♄ ♂ ♄			♄	*			Δ
7	12 19	18 3	10 37	29 18	20 26		□	□				Δ	
8	12 19	17 55	11 22	29 7	21 55						□		
9	12 18	17 47	12 8	28 54	23 23	♂ ♂ ♄		Δ				□	□
0	12 17	17 39	12 53	28 38	24 10		*		*	Δ	Δ		

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	16	0 8 10	20 N 15	0 N 38	17 N 45	0 S 38	22 N 14
4	16	16	0 10	20 14	0 39	17 47	0 38	22 12
7	16	17	0 10	20 12	0 40	17 48	0 37	22 10
10	16	17	0 10	20 11	0 40	17 50	0 37	22 8
13	16	17	0 10	20 9	0 41	17 52	0 37	22 6
16	16	18	0 10	20 8	0 41	17 55	0 36	22 4
19	16	18	0 10	20 7	0 42	17 57	0 36	22 2
22	16	18	0 10	20 5	0 42	18 0	0 35	22 0
25	16	18	0 10	20 4	0 43	18 3	0 35	21 58
28	16	18	0 10	20 3	0 43	18 7	0 34	21 56
31	16	18	0 10	20 2	0 44	18 10	0 34	21 54

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♂ Long. ° ' "	♂ Lat. ° ' "	♂ Declin. ° ' "	♂ Long. ° ' "
1	W	16 40 13	9 4 3 30	21 8 50	24 23 36	3 S 53	13 S 9	10 11
2	Th	16 44 9	10 4 24	21 59	7 m 10	4 29	18 9	10 13
3	F	16 48 6	11 5 18	22 7	19 34	4 51	22 18	1 6
4	S	16 52 2	12 6 15	22 16	1 45	5 0	25 26	1 4
5	S	16 55 59	13 7 12	22 24	13 58	4 54	27 22	1 1
6	M	16 59 55	14 8 10	22 31	25 58	4 36	28 0	0 36
7	Tu	17 3 52	15 9 9	22 38	7 v 53	4 5	27 18	0 36
8	W	17 7 48	16 10 9	22 44	19 42	3 24	25 23	0 33
9	Th	17 11 45	17 11 10	22 51	1 m 30	2 35	22 21	0 30
10	F	17 15 42	18 12 11	22 56	13 19	1 38	18 24	0 28
11	S	17 19 38	19 13 13	23 1	25 13	0 37	13 43	0 26
12	S	17 23 35	20 14 15	23 6	7 x 16	0 N 27	8 25	0 24
13	M	17 27 31	21 15 18	23 10	19 35	1 31	2 43	0 22
14	Tu	17 31 28	22 16 21	23 14	2 r 15	2 33	3 N 14	0 20
15	W	17 35 24	23 17 24	23 17	15 20	3 28	9 15	0 18
16	Th	17 39 21	24 18 28	23 20	28 54	4 14	15 3	0 16
17	F	17 43 18	25 19 33	23 23	12 v 59	4 47	20 18	0 14
18	S	17 47 14	26 20 37	23 25	27 32	5 2	24 32	0 12
19	S	17 51 11	27 21 43	23 26	12 II 30	4 58	27 14	0 10
20	M	17 55 7	28 22 48	23 27	27 43	4 32	27 59	0 8
21	Tu	17 59 4	29 23 54	23 27	13 v 1	3 47	26 35	0 6
22	W	18 3 0	0 v 25	1 23	28 28	2 46	23 15	0 4
23	Th	18 6 57	1 26 7	23 27	13 Ω 8	1 34	18 24	0 2
24	F	18 10 53	2 27 15	23 26	27 40	0 18	12 35	0 0
25	S	18 14 50	3 28 23	23 25	11 v 47	0 S 57	6 16	0 0
26	S	18 18 47	4 29 31	23 23	25 27	2 7	0 S 8	0 0
27	M	18 22 43	5 30 41	23 21	8 v 43	3 8	6 20	0 0
28	Tu	18 26 40	6 31 50	23 18	21 38	3 57	12 6	0 0
29	W	18 30 36	7 33 0	23 15	4 m 16	4 34	17 15	0 0
30	Th	18 34 33	8 34 11	23 11	16 39	4 57	21 34	0 0
31	F	18 38 29	9 35 21	23 7	28 52	5 6	24 54	0 0

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 S 25	18 S 6	2 S 4	25 S 30	2 S 21	25 S 46	3 × 45
4	1 22	17 23	1 26	24 49	2 22	25 50	3 35
7	1 19	16 39	0 41	24 4	2 18	25 41	3 26
10	1 16	15 53	0 N 5	23 14	2 7	25 19	3 16
13	1 13	15 6	0 51	22 22	1 48	24 46	3 7
16	1 10	14 18	1 37	21 29	1 21	24 3	2 57
19	1 7	13 29	2 22	20 37	0 43	23 14	2 47
22	1 4	12 38	2 59	19 49	0 N 6	22 24	2 38
25	1 1	11 47	3 28	19 7	1 4	21 38	2 28
28	0 58	10 55	3 48	18 32	2 1	20 59	2 19
31	0 55	10 2	3 59	18 4	2 48	20 20	2 9

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♂	♀	♊
	° /	° /	° /	° /	° /								
1	12 2 16	17 11 31	13 38 28	♂ 20 26	♂ 17 17	☿ ∠ ♂						*	*
2	12 2 15	17 12 23	14 23 28	♂ 0 27	43	☿ ☐ ♈			☐				
3	12 14 17	15 15	9 27	38 29	9						☐		
4	12 13 17	7 15	54 27	14 0	33	☉ Δ ♈		♂					
5	12 12 16	59 16	39 26	48 1	56	♂ Δ ♄	☉		Δ	♂	*		
6	12 11 16	51 17	24 26	20 3	17							♂	
7	12 10 16	42 18	10 25	48 4	37								♂
8	12 8 16	34 18	55 25	16 5	55	☉ ♂ ♄							
9	12 6 16	26 19	41 24	43 7	10			Δ					
10	12 4 16	18 20	26 24	8 8	23		*		♂	Δ			
11	12 2 16	10 21	12 23	33 9	33			☐			♂	*	
12	12 0 16	2 21	57 22	57 10	40								*
13	11 58 15	53 22	43 22	21 11	43	☿ * ♂	☐			☐		☐	
14	11 56 15	45 23	28 21	45 12	39	☿ ☉		*					
15	11 54 15	37 24	14 21	8 18	32				Δ	*		Δ	☐
16	11 52 15	29 24	59 20	32 14	18		Δ				*		
17	11 50 15	21 25	45 19	56 14	57				☐				Δ
18	11 47 15	13 26	30 19	22 15	27	☉ ☐ ♈		♂			☐	♂	
19	11 44 15	5 27	16 18	48 15	50	☉ * ♂			*	♂		♂	
20	11 41 14	57 28	1 18	16 16	3		♂				Δ		
21	11 38 14	50 28	47 17	45 16	6								♂
22	11 35 14	42 29	32 17	16 15	57				*				
23	11 32 14	34 0	18 16	48 15	36	♂ ☐ ♈			♂	*		Δ	
24	11 28 14	27 1	4 16	23 15	4	☿ ∠ ♂	Δ	☐			♂		
25	11 25 14	20 1	50 16	0 14	19					☐		☐	Δ
26	11 22 14	13 2	35 15	39 13	24			Δ					
27	11 18 14	6 3	20 15	20 12	19		☐		*	Δ			☐
28	11 14 13	59 4	5 15	4 11	8							*	
29	11 10 13	52 4	52 14	50 9	50		*				Δ		*
30	11 5 13	45 5	37 14	39 8	28	☉ ☉ ☿			☐				
31	11 1 13	38 6	22 14	30 7	7			♂					

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
0	0	0	0	10	24	28	13	14	1	51	37	0	11	19	17	33	5
0	0	3	0	11	25	28	46	14	1	55	27	1	13	20	18	11	6
0	0	7	0	2	12	26	20	15	1	59	17	2	13	21	18	51	7
0	0	11	0	3	13	27	0	14	2	3	8	3	14	21	19	30	8
0	0	14	41	4	14	28	0	49	2	8	59	4	15	22	20	9	8
0	0	18	21	5	15	29	1	25	2	10	51	5	15	23	20	46	9
0	0	23	2	6	16	29	2	7	2	14	44	6	16	24	21	37	10
0	0	25	43	7	17	29	3	43	2	18	37	7	17	24	23	8	11
0	0	29	23	8	18	1	3	26	2	23	31	8	18	25	23	47	11
0	0	33	4	9	19	2	4	4	2	26	25	9	19	26	23	28	12
0	0	36	45	10	20	3	4	41	2	30	20	10	20	27	24	8	13
0	0	40	26	11	23	4	5	19	2	34	16	11	21	27	24	49	13
0	0	44	8	12	23	4	5	58	2	38	13	12	23	28	25	28	14
0	0	47	50	13	24	5	6	36	2	42	10	13	23	29	26	8	15
0	0	51	33	14	25	6	7	14	2	46	8	14	24	30	26	46	15
0	0	55	14	15	26	7	7	53	2	50	7	15	25	0	27	20	16
0	0	58	5	16	27	8	8	33	2	54	7	16	26	1	28	10	17
1	1	3	40	17	28	8	9	10	2	58	7	17	27	2	28	51	18
1	1	6	23	18	29	9	9	47	2	3	8	18	28	3	29	33	19
1	1	10	7	19	11	10	10	25	2	6	9	19	29	4	29	13	20
1	1	13	51	20	11	11	11	5	2	10	13	20	30	5	0	54	20
1	1	17	35	21	12	12	11	43	2	14	15	21	0	5	1	36	21
1	1	21	20	22	13	12	12	23	2	18	19	22	1	6	3	17	22
1	1	25	6	23	4	13	13	0	2	23	23	23	2	7	3	59	23
1	1	28	53	24	5	14	13	39	1	26	20	24	3	8	3	41	24
1	1	32	38	25	6	15	14	18	2	30	35	25	4	8	4	23	25
1	1	36	25	26	7	16	14	56	2	34	41	26	5	9	5	5	26
1	1	40	12	27	8	16	15	35	2	38	40	27	6	10	5	47	26
1	1	44	0	28	9	17	16	14	2	42	57	28	7	11	6	30	27
1	1	47	48	29	10	18	16	53	4	47	6	29	8	12	7	13	28
1	1	51	37	30	11	19	17	33	5	51	15	30	9	13	7	54	29

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
3	51	15	0	9	13	7	54	28	6	0	0	0	7	7	0	0	23
3	55	25	1	10	13	8	37	29	6	4	23	1	8	8	0	45	24
3	59	36	2	11	14	9	20	30	6	8	43	2	9	9	1	30	25
4	3	48	3	12	15	10	3	1	6	13	5	3	10	9	2	15	26
4	8	0	4	13	16	10	47	1	6	17	26	4	11	10	3	0	27
4	12	18	5	14	16	11	30	2	6	21	48	5	11	11	3	45	27
4	16	26	6	15	17	12	13	3	6	26	9	6	12	12	4	30	28
4	20	40	7	16	18	12	56	4	1	30	30	7	13	13	5	15	29
4	24	55	8	16	19	13	40	5	2	34	51	8	14	13	6	0	30
4	29	10	9	17	20	14	24	6	3	39	11	9	15	14	6	44	1
4	33	28	10	18	20	15	8	6	4	43	31	10	16	15	7	29	2
4	37	43	11	19	21	15	53	7	5	47	51	11	17	16	8	14	3
4	41	59	12	20	22	16	36	8	6	53	11	12	18	17	8	59	4
4	46	16	13	21	23	17	19	9	7	58	31	13	19	18	9	43	5
4	50	34	14	22	24	18	4	10	7	0	50	14	20	18	10	27	6
4	54	53	15	23	25	18	49	11	7	5	8	15	21	19	11	11	7
4	59	10	16	24	26	19	33	12	7	9	26	16	22	20	11	58	8
5	3	29	17	25	26	20	17	13	7	13	44	17	23	21	13	40	9
5	7	49	18	26	27	21	1	13	7	18	1	18	24	22	13	24	10
5	12	9	19	27	28	21	46	14	7	23	18	19	25	23	14	8	11
5	16	29	20	27	28	22	31	15	7	28	34	20	26	23	14	53	12
5	20	49	21	28	29	23	16	16	7	30	50	21	26	24	15	36	13
5	25	9	22	29	29	24	0	17	7	35	5	22	27	25	16	20	14
5	29	30	23	30	1	24	45	17	7	39	20	23	28	26	17	4	15
5	33	51	24	1	2	25	30	18	7	43	34	24	29	27	17	47	16
5	38	13	25	2	3	26	15	19	7	47	47	25	29	28	18	30	17
5	42	34	26	3	3	27	0	20	7	53	0	26	1	29	19	13	18
5	46	55	27	4	4	27	45	20	7	58	12	27	2	30	19	57	19
5	51	17	28	5	5	28	30	21	8	0	24	28	3	31	20	40	20
5	55	38	29	6	6	29	15	22	8	4	35	29	4	1	21	23	21
6	0	0	30	7	7	30	0	23	8	8	46	30	5	2	22	8	22

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	'	"	°	'	"	H.	M.	S.	°	'	"	°	'	"		
8	8	45	0	5	2	22	6	18	21	10	8	23	0	2	25	13	28	11	20
8	12	54	1	6	2	22	48	19	22	10	12	12	1	3	26	13	6	12	21
8	17	3	2	7	3	23	30	19	23	10	16	0	2	3	26	13	45	13	21
8	21	11	3	8	4	24	13	20	24	10	19	48	3	4	27	14	25	14	23
8	25	19	4	9	5	24	55	21	25	10	23	35	4	5	28	15	4	14	23
8	29	26	5	10	6	25	37	22	26	10	27	23	5	6	29	15	42	15	24
8	33	31	6	10	6	26	19	22	27	10	31	8	6	7	29	16	21	16	25
8	37	37	7	11	7	27	1	23	28	10	34	54	7	8	m	17	0	17	26
8	41	41	8	12	8	27	43	24	29	10	38	40	8	9	1	17	39	18	27
8	45	45	9	13	9	28	24	25	30	10	42	25	9	10	2	18	17	19	28
8	49	48	10	14	9	29	6	26	31	10	46	9	10	10	2	18	55	19	29
8	53	51	11	15	10	29	47	26	32	10	50	53	11	11	3	19	34	20	30
8	57	53	12	16	11	Om	28	27	33	10	53	37	12	12	4	20	18	21	1
9	1	53	13	17	12	1	9	28	34	10	57	20	13	13	4	20	51	22	2
9	5	53	14	18	13	1	50	29	4	11	1	3	14	14	5	21	30	23	4
9	9	53	15	18	13	2	31	30	5	11	4	46	15	15	6	22	8	24	5
9	13	53	16	19	14	3	12	3	6	11	8	28	16	16	6	23	46	24	6
9	17	50	17	20	15	3	53	1	7	11	12	10	17	17	7	23	24	25	7
9	21	47	18	21	16	4	32	2	8	11	15	23	18	17	8	24	2	26	8
9	25	44	19	22	17	5	12	3	9	11	19	34	19	18	9	24	40	27	9
9	29	40	20	23	17	5	53	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6	32	4	11	11	26	56	21	20	10	25	59	29	11
9	37	29	22	25	19	7	13	5	12	11	30	37	22	20	11	26	38	29	12
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15	30	13
9	45	16	24	27	21	8	23	7	14	11	37	58	24	22	12	27	53	0	14
9	49	9	25	28	21	9	12	8	15	11	41	39	25	23	13	28	32	1	15
9	53	1	26	28	22	9	51	8	16	11	45	19	26	24	13	29	11	2	16
9	56	53	27	29	23	10	30	9	17	11	49	0	27	25	14	29	53	3	17
10	0	48	28	30	24	11	9	10	18	11	53	49	28	25	15	0	25	4	18
10	4	33	29	1	24	11	48	10	19	11	56	20	29	26	15	1	11	5	20
10	8	23	30	2	25	12	28	11	20	12	0	0	30	27	16	1	47	6	21

Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3	Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3		
H.	M.	S.	°	'	"	°	'	"	H.	M.	S.	°	'	"	°	'	"		
12	0	0	0	27	16	1	47	6	21	12	51	37	0	21	8	23	4	7	27
12	8	49	1	28	17	2	33	7	22	12	55	27	1	22	9	23	53	9	28
12	7	20	2	29	18	3	11	8	23	13	59	17	2	23	9	24	43	10	T
12	11	0	3	30	19	3	49	9	24	14	8	8	3	24	10	25	31	11	1
12	14	41	4	0	19	4	26	10	25	14	6	59	4	25	11	26	21	12	8
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13	14	4
12	22	3	6	2	20	5	47	11	27	14	14	44	6	26	13	28	5	16	6
12	26	48	7	3	21	6	27	12	28	14	18	37	7	27	13	28	58	17	7
12	30	23	8	4	22	7	6	12	29	14	22	31	8	28	14	29	51	19	8
12	33	4	9	4	23	7	46	14	1	14	26	25	9	29	15	0	45	20	9
12	36	45	10	5	23	8	26	15	2	14	30	20	10	3	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	4	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	25	10	29	18	6	14	42	10	13	2	18	4	30	26	15
12	51	32	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	54	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28	30	18
12	58	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	28	32	19
12	3	40	17	11	28	12	17	22	10	14	58	7	17	6	22	8	30	3	20
12	6	23	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
12	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	34	6	23
12	13	51	20	13	31	15	27	25	14	15	10	12	20	8	24	11	34	8	24
12	17	35	21	14	32	1	16	11	26	15	14	15	21	9	25	12	33	9	25
12	21	20	22	15	33	2	16	54	27	15	18	19	22	10	26	14	0	11	27
12	25	6	23	15	3	3	17	39	28	15	22	23	23	11	27	15	10	13	28
12	28	53	24	16	3	4	18	26	29	15	26	29	24	12	28	16	21	15	29
12	32	38	25	17	4	19	10	1	30	15	30	35	25	13	29	17	37	17	30
12	36	25	26	18	5	19	57	2	31	15	34	41	26	14	30	18	53	19	31
12	40	12	27	19	6	20	43	3	32	15	38	49	27	15	1	20	10	20	32
12	44	0	28	20	6	21	29	4	33	15	42	57	28	15	2	21	28	22	33
12	48	48	29	21	7	22	16	5	34	15	46	6	29	16	3	22	30	24	34
12	52	37	30	22	8	23	4	6	35	15	50	15	30	17	4	23	39	26	35

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen W			2	3	Right Asc. of Meridian.			10	11	12	Ascen T			2	3
H.	M.	S.	°	'	''	°	'	''	°	'	H.	M.	S.	°	'	''	°	'	''	°	'
15	51	15	0	17	4	24	18	26	7	18	0	0	0	17	10	0	0	0	20	13	13
15	55	25	1	18	5	25	30	28	8	18	4	23	1	18	11	3	53	21	21	14	14
15	59	36	2	19	6	27	9	30	10	18	8	43	2	19	12	5	46	23	15	15	15
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	35	25	18	16	16
16	8	0	4	21	8	Small			2	18	17	26	4	21	16	11	23	26	17	17	17
16	13	13	5	22	9	1	48	4	12	18	21	48	5	22	18	14	9	27	18	18	18
16	16	26	6	23	10	3	28	6	14	18	26	9	6	24	20	18	58	20	19	19	19
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	11	20	20	20
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16	1	21	21	21
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51	2	22	22	22
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24	4	23	23	23
16	37	43	11	28	15	12	31	17	21	18	47	51	11	29	28	28	53	5	24	24	24
16	41	59	12	29	16	14	30	19	22	18	53	11	12	1	29	30	19	7	25	25	25
16	46	16	13	30	17	16	31	21	24	18	58	31	13	2	30	4	40	8	26	26	26
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	2	6	58	9	27	27	27
16	54	53	15	2	20	20	49	25	26	19	5	8	15	4	4	9	11	10	28	28	28
16	59	10	16	3	21	23	3	27	27	19	9	20	16	5	6	11	21	11	29	29	29
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29	12	30	30	30
17	7	49	18	5	23	27	41	30	29	19	18	1	18	9	10	15	30	14	1	31	31
17	12	9	19	6	25	0	7	2	30	19	22	18	19	9	12	17	29	15	2	32	32
17	16	29	20	7	26	2	8	3	3	19	26	34	20	10	14	19	34	16	3	33	33
17	20	49	21	8	27	5	9	5	4	19	30	50	21	12	16	21	18	16	4	34	34
17	25	9	22	9	29	7	44	7	4	19	35	5	22	13	18	23	5	18	5	35	35
17	29	30	23	10	30	10	23	8	5	19	39	20	23	14	20	24	51	19	6	36	36
17	33	51	24	11	1	12	4	10	6	19	43	34	24	15	22	26	33	20	7	37	37
17	38	12	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12	21	8	38	38
17	43	34	26	13	4	18	37	14	8	19	52	0	26	18	26	29	49	22	9	39	39
17	46	55	27	14	5	21	25	15	9	19	56	13	27	19	28	11	20	23	10	40	40
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	7	2	51	25	11	41	41
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	1	4	21	26	12	42	42
18	0	0	30	17	10	30	0	20	12	20	8	45	30	23	3	5	47	28	13	43	43

Right Asc. of Meridian.			10	11	12	Ascen W			2	3	Right Asc. of Meridian.			10	11	12	Ascen T			2	3
H.	M.	S.	°	'	''	°	'	''	°	'	H.	M.	S.	°	'	''	°	'	''	°	'
20	8	45	0	23	3	5	47	26	13	23	8	23	0	2	23	6	58	22	9	44	44
20	12	54	1	24	5	7	10	28	14	23	12	12	1	4	24	7	44	23	10	45	45
20	17	3	2	25	7	8	23	29	15	23	16	0	2	5	25	8	31	23	11	46	46
20	21	11	3	27	9	9	50	30	16	23	19	48	3	7	26	9	17	24	12	47	47
20	25	19	4	28	11	11	7	31	17	23	23	35	4	8	27	10	3	25	13	48	48
20	29	26	5	29	13	13	23	1	18	23	27	23	5	9	29	10	50	26	14	49	49
20	33	31	6	30	15	15	39	2	19	23	31	8	6	10	11	11	36	26	15	50	50
20	37	37	7	3	17	14	50	3	20	23	34	54	7	12	1	12	22	27	16	51	51
20	41	41	8	3	18	16	0	4	20	23	38	40	8	13	3	13	6	28	17	52	52
20	45	45	9	4	20	17	8	5	21	23	42	25	9	14	4	13	49	29	18	53	53
20	49	48	10	5	22	18	16	6	22	23	46	9	10	16	4	14	33	29	19	54	54
20	53	51	11	7	24	19	23	7	23	23	49	53	11	17	5	15	17	30	20	55	55
20	57	53	12	9	26	20	27	7	24	23	53	37	12	18	7	16	0	1	21	56	56
21	1	53	13	10	27	21	30	8	25	23	57	20	13	20	8	16	43	2	22	57	57
21	5	53	14	11	29	22	32	9	26	23	1	3	14	21	9	17	25	3	23	58	58
21	9	53	15	13	3	23	33	10	26	23	4	46	15	22	10	18	7	4	24	59	59
21	13	53	16	14	2	24	33	11	27	23	8	28	16	23	11	18	49	4	25	60	60
21	17	50	17	15	4	25	30	12	27	23	12	10	17	24	12	19	31	5	26	61	61
21	21	47	18	17	6	26	28	13	28	23	15	53	18	26	13	20	12	6	27	62	62
21	25	44	19	18	7	27	24	14	29	23	19	34	19	27	14	20	53	6	28	63	63
21	29	40	20	19	9	28	20	15	30	23	23	15	20	28	15	21	34	7	29	64	64
21	33	36	21	21	10	29	15	16	31	23	26	56	21	29	16	22	14	8	30	65	65
21	37	30	22	23	11	30	9	16	32	23	30	87	22	3	17	23	52	8	31	66	66
21	41	28	23	23	12	1	2	16	33	23	34	18	23	1	18	22	33	9	32	67	67
21	45	16	24	25	13	1	55	17	4	23	37	58	24	2	19	24	13	10	33	68	68
21	49	9	25	26	15	3	47	18	5	23	41	39	25	4	20	24	63	11	34	69	69
21	53	1	26	28	17	3	39	19	6	23	45	19	26	5	21	25	39	12	35	70	70
21	56	43	27	29	19	4	30	20	7	23	49	0	27	6	22	26	40	13	36	71	71
22	0	48	28	30	21	5	18	21	8	23	53	40	28	7	23	26	41	14	37	72	72
22	4	38	29	1	21	6	7	21	9	23	56	20	29	8	24	27	27	15	38	73	73
22	8	28	30	2	22	7	54	22	10	24	0	0	30	9	25	28	28	16	39	74	74

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INFLUENZA,

CONSUMPTIVE NIGHT
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OF THE
PLANETS' PLACES

For 1859.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

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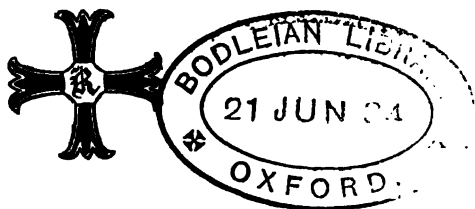
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For 1859.

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LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	18	08	9	20	N 1	08	33
4	16	18	0	9	20	0	0	33
7	16	18	0	9	19	59	0	32
10	16	18	0	9	19	59	0	32
13	16	18	0	9	19	58	0	31
16	16	18	0	9	19	57	0	30
19	16	17	0	9	19	57	0	30
22	16	17	0	9	19	56	0	29
25	16	17	0	9	19	56	0	29
28	16	17	0	9	19	55	0	28
31	16	16	0	9	19	55	0	28

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♅ Long.
		H. M. S.	°	'	°	'	°	'
1	S	18 42 26	10 36 32	23 S 2	10 1 56	5 S 1	27 S 4	0 11 4
2	S	18 46 22	11 37 43	22 57	22 54	4 43	27 59	0 13 3
3	M	18 50 19	12 38 54	22 51	4 47	4 16	27 38	0 1
4	Tu	18 54 16	13 40 5	22 45	16 38	3 32	25 56	29 50
5	W	18 58 12	14 41 16	22 39	28 27	2 42	23 8	29 58
6	Th	19 2 9	15 42 27	22 32	10 17	1 44	19 21	29 57
7	F	19 6 5	16 43 37	22 25	22 9	0 42	14 48	29 55
8	S	19 10 2	17 44 47	22 17	4 7	0 N 23	9 39	29 53
9	S	19 13 59	18 45 57	22 9	16 13	1 27	4 6	29 51
10	M	19 17 55	19 47 6	22 0	28 33	2 29	1 N 42	29 50
11	Tu	19 21 51	20 48 14	21 51	11 10	3 26	7 35	29 48
12	W	19 25 48	21 49 21	21 41	24 10	4 13	13 18	29 47
13	Th	19 29 45	22 50 28	21 31	7 34	4 48	18 35	29 46
14	F	19 33 41	23 51 35	21 21	21 27	5 8	23 6	29 44
15	S	19 37 38	24 52 40	21 10	5 47	5 10	26 22	29 43
16	S	19 41 34	25 53 45	20 59	20 33	4 52	27 58	29 42
17	M	19 45 31	26 54 49	20 48	5 39	4 13	27 33	29 41
18	Tu	19 49 27	27 55 52	20 36	20 55	3 16	25 3	29 40
19	W	19 53 24	28 56 55	20 23	6 10	2 42	20 45	29 39
20	Th	19 57 20	29 57 57	20 10	21 16	0 45	15 8	29 38
21	F	20 1 17	0 58 58	19 57	6 22	0 S 36	8 45	29 37
22	S	20 5 14	1 59 59	19 44	20 24	1 52	2 5	29 37
23	S	20 9 10	3 0 59	19 30	4 18	3 0	4 S 27	29 36
24	M	20 13 7	4 1 58	19 16	17 45	3 55	10 35	29 35
25	Tu	20 17 3	5 2 57	19 1	0 46	4 36	16 3	29 35
26	W	20 21 0	6 3 55	18 46	13 25	5 22	20 41	29 34
27	Th	20 24 56	7 4 53	18 31	25 47	5 14	24 18	29 34
28	F	20 28 53	8 5 50	18 15	7 55	5 11	26 40	29 33
29	S	20 32 50	9 6 46	18 0	19 53	4 55	27 59	29 32
30	S	20 36 46	10 7 42	17 43	1 45	4 26	27 53	29 32
31	M	20 40 43	11 8 37	17 27	13 35	3 46	28 31	29 32

1859.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

3

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	0 S 54	9 S 44	4 N 36	17 S 57	2 N 54	20 S 22	2 × 6
4	0 51	8 50	4 15	17 39	3 14	20 11	1 56
7	0 48	7 56	5 6	17 31	3 16	20 14	1 47
10	0 45	7 1	5 16	17 25	2 57	20 31	1 37
13	0 42	6 6	5 18	17 26	2 33	20 55	1 28
16	0 39	5 10	5 20	17 32	2 5	21 22	1 18
19	0 36	4 14	5 20	17 42	1 34	21 48	1 9
22	0 33	3 18	5 15	17 57	1 5	22 3	0 59
25	0 31	2 22	5 7	18 7	0 36	22 20	0 50
28	0 29	1 26	5 0	18 21	0 9	22 31	0 40
31	0 26	0 30	4 50	18 35	0 S 16	22 27	0 31

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♂	♀	♂
	° ,	° ,	° ,	° ,	° ,							
1	11 12	13 31	7 × 8	14 22	5 47				Δ	♂	☐	♂
2	10 57	13 25	7 53	14 26	4 32							
3	10 52	13 19	8 39	14 20	3 25					*		♂
4	10 48	13 13	9 24	14 22	2 25			♂				
5	10 44	13 7	10 10	14 24	1 35	☉ ☐ ☿	Δ					
6	10 40	13 1	10 55	14 28	0 54				♂	Δ		*
7	10 35	12 55	11 40	14 34	0 22							*
8	10 31	12 50	12 25	14 42	0 4			☐				*
9	10 29	12 45	13 11	14 53	29 45	♂ ☐ ♄ *			☐	♂	☐	
10	10 22	12 40	13 56	15 9	29 48			*				☐
11	10 18	12 35	14 42	15 29	29 D 57				Δ	*		Δ
12	10 13	12 30	15 27	15 50	0 11			☐				Δ
13	10 8	12 28	16 12	16 12	0 34	♀ ☐ ♂			☐			
14	10 4	12 20	16 57	16 34	1 2			Δ			*	
15	9 59	12 16	17 43	16 58	1 35			♂	*	♂		
16	9 55	12 12	18 28	17 25	2 13						☐	♂
17	9 50	12 8	19 13	17 53	2 57	☉ ☐ ♄					☐	♂
18	9 45	12 4	19 59	18 23	3 46						Δ	
19	9 40	12 1	20 44	18 54	4 38		♂ *	♂ *				
20	9 36	11 58	21 29	19 26	5 33	☉ Δ ☿					Δ	
21	9 31	11 55	22 14	20 0	6 34			☐		☐		Δ
22	9 26	11 52	23 0	20 36	7 36						♂	☐
23	9 21	11 49	23 45	21 14	8 41			Δ	Δ	*		☐
24	9 17	11 47	24 30	21 53	9 47	♂ ☐ ♄				Δ	*	
25	9 12	11 45	25 15	22 33	10 55			☐				
26	9 7	11 43	26 0	23 14	12 8				☐			*
27	9 2	11 41	26 45	23 56	13 21			♂			Δ	
28	8 57	11 39	27 30	24 38	14 36	♀ ☐ ☿	*		Δ	♂		
29	8 52	11 37	28 15	25 21	15 52	☉ ♂ ♄						
30	8 47	11 36	29 0	26 5	17 9						☐	♂
31	8 43	11 35	29 45	26 51	18 28	☉ Δ ♄						♂

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'	
1	16	16	08	9	19 N55	0 N48	18 N53	08 27	21 N45
4	16	15	0	9	19 55	0 48	18 57	0 27	21 45
7	16	15	0	9	19 55	0 48	19 1	0 26	21 46
10	16	14	0	9	19 55	0 49	19 5	0 25	21 47
13	16	14	0	9	19 55	0 49	19 9	0 25	21 48
16	16	13	0	9	19 56	0 49	19 13	0 24	21 49
19	16	12	0	9	19 56	0 49	19 16	0 24	21 51
22	16	12	0	9	19 57	0 49	19 20	0 23	21 53
25	16	11	0	9	19 57	0 50	19 23	0 22	21 55
28	16	10	0	9	19 58	0 50	19 26	0 22	21 57

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♀ Long.	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	Tu	20 44 39	12 3 9	30 17	8 10	25 24	28 56	23 8 58	29 5 31
2	W	20 48 36	13 10 23	16 53	7 15	1 59	20 24	29 3 31	29 3 31
3	Th	20 52 32	14 11 14	16 35	19 10	0 56	15 58	29 3 31	29 3 31
4	F	20 56 29	15 12 5	16 17	1 10	0 N 10	10 54	29 3 30	29 3 30
5	S	21 0 25	16 12 54	15 59	13 19	1 17	5 23	29 3 30	29 3 30
6	S	21 4 22	17 13 41	15 41	25 37	2 21	0 N 25	29 3 30	29 3 30
7	M	21 8 19	18 14 27	15 23	8 7	3 19	6 16	29 D 30	29 D 30
8	Tu	21 12 15	19 15 12	15 4	20 52	4 9	11 59	29 3 30	29 3 30
9	W	21 16 12	20 15 55	14 45	3 54	4 47	17 19	29 3 31	29 3 31
10	Th	21 20 8	21 16 36	14 25	17 15	5 10	21 57	29 3 31	29 3 31
11	F	21 24 5	22 17 15	14 6	0 58	5 17	25 33	29 3 31	29 3 31
12	S	21 28 1	23 17 53	13 46	15 4	5 6	27 41	29 3 31	29 3 31
13	S	21 31 58	24 18 29	13 26	29 29	4 35	28 2	29 3 32	29 3 32
14	M	21 35 54	25 19 4	13 6	14 5	3 45	26 26	29 3 32	29 3 32
15	Tu	21 39 51	26 19 37	12 45	29 9	2 40	22 57	29 3 33	29 3 33
16	W	21 43 48	27 20 8	12 24	14 9	1 23	17 56	29 3 34	29 3 34
17	Th	21 47 44	28 20 38	12 4	29 6	0 11	11 49	29 3 35	29 3 35
18	F	21 51 41	29 21 6	11 43	13 51	1 8	20 5	29 3 36	29 3 36
19	S	21 55 37	0 21 32	11 21	28 17	2 84	1 8 40	29 3 36	29 3 36
20	S	21 59 34	1 21 57	11 0	12 19	3 37	8 12	29 3 37	29 3 37
21	M	22 3 30	2 22 20	10 38	25 55	4 25	14 8	29 3 37	29 3 37
22	Tu	22 7 27	3 22 43	10 17	9 5	4 58	19 14	29 3 38	29 3 38
23	W	22 11 23	4 23 3	9 55	21 51	5 15	23 18	29 3 39	29 3 39
24	Th	22 15 20	5 23 22	9 33	4 7	5 16	26 12	29 3 40	29 3 40
25	F	22 19 17	6 23 40	9 10	16 27	5 3	27 48	29 3 41	29 3 41
26	S	22 23 13	7 23 56	8 48	29 24	4 38	28 5	29 3 42	29 3 42
27	S	22 27 10	8 24 11	8 26	10 15	4 0	27 3	29 3 42	29 3 42
28	M	22 31 6	9 24 25	8 3	22 3	3 13	24 49	29 3 43	29 3 43

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'	
1	16	9	08	9	19 N58	0 N50	19 N27	0 N21	21 N38
4	16	8	0	9	19 59	0 50	19 30	0 21	22 0
7	16	8	0	9	20 0	0 50	19 32	0 20	22 3
10	16	7	0	9	20 1	0 50	19 35	0 20	22 5
13	16	6	0	9	20 2	0 50	19 37	0 19	22 5
16	16	5	0	9	20 4	0 50	19 39	0 19	22 11
19	16	4	0	9	20 5	0 51	19 40	0 18	22 14
22	16	4	0	9	20 6	0 51	19 42	0 18	22 17
25	16	3	0	8	20 8	0 51	19 43	0 17	22 21
28	16	2	0	8	20 9	0 51	19 44	0 17	22 24
31	16	1	0	8	20 11	0 51	19 44	0 16	22 27

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☿ Long.	☿ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	22 35 8	10 24 36	7 8 40	8 53	28 17	21 31	29 44
2	W	22 38 59	11 24 46	7 17 15	47	1 15	17 18	29 45
3	Th	22 42 56	12 24 55	6 54 27	50	0 9	12 22	29 47
4	F	22 46 52	13 25 1	6 31 10	2	0 N59	6 55	29 48
5	S	22 50 49	14 25 6	6 8 22	26	2 4	1 6	29 49
6	S	22 54 45	15 25 9	5 45 5	2	3 5	4 N49	29 51
7	M	22 58 42	16 25 9	5 22 17	51	3 57	10 39	29 52
8	Tu	23 2 39	17 25 8	4 58 0	54	4 38	16 8	29 53
9	W	23 6 35	18 25 4	4 35 14	11	5 5	20 57	29 55
10	Th	23 10 32	19 24 59	4 12 27	42	5 15	24 47	29 56
11	F	23 14 28	20 24 51	3 48 11	26	5 8	27 15	29 57
12	S	23 18 25	21 24 40	3 24 25	24	4 43	28 6	0 0
13	S	23 22 21	22 24 28	3 1 9	35	4 0	27 6	0 2
14	M	23 26 18	23 24 13	2 37 23	56	3 2	24 20	0 4
15	Tu	23 30 14	24 23 56	2 14 8	26	1 52	19 58	0 6
16	W	23 34 11	25 23 37	1 50 22	59	0 34	14 24	0 8
17	Th	23 38 8	26 23 16	1 26 7	32	0 8	46 8	0 10
18	F	23 42 4	27 22 53	1 3 21	58	2 2	1 19	0 12
19	S	23 46 1	28 22 27	0 39 6	12	3 9	5 21	0 14
20	S	23 49 57	29 22 0	0 15 20	9	4 4	11 38	0 16
21	M	23 53 54	0 21 30	0 N 9	3 44	4 43	17 12	0 18
22	Tu	23 57 50	1 20 59	0 32 16	56	5 6	21 47	0 20
23	W	0 1 47	2 20 26	0 56 29	47	5 12	25 12	0 22
24	Th	0 5 43	3 19 51	1 20 12	16	5 4	27 18	0 24
25	F	0 9 40	4 19 14	1 43 24	29	4 41	28 2	0 26
26	S	0 13 37	5 18 36	2 7 6	28	4 7	27 25	0 28
27	S	0 17 33	6 17 56	2 30 18	20	3 23	25 33	0 31
28	M	0 21 30	7 17 14	2 54 0	9	3 30	22 35	0 33
29	Tu	0 25 26	8 16 30	3 17 11	59	1 30	18 39	0 35
30	W	0 29 23	9 15 45	3 40 23	57	0 26	13 48	0 38
31	Th	0 33 19	10 14 57	4 4 4	6	0 N40	8 40	0 41

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 2	8 N15	2 N31	18 S 53	2 S 5	12 S 1	28 ^m 58
4	0 N 1	9 6	2 15	18 34	1 57	9 51	28 49
7	0 8	9 56	1 59	18 12	1 45	7 30	28 39
10	0 5	10 45	1 43	17 45	1 28	4 58	28 30
13	0 7	11 34	1 27	17 14	1 6	2 18	28 20
16	0 10	12 21	1 12	16 38	0 39	0 N30	28 11
19	0 12	13 7	0 57	15 58	0 7	3 20	28 1
22	0 14	13 52	0 42	15 13	0 N28	6 7	27 52
25	0 16	14 36	0 28	14 25	1 4	8 45	27 42
28	0 18	15 18	0 14	13 33	1 40	11 8	27 33
31	0 20	16 0	0 1	12 37	2 13	13 9	27 23

D M	h Long.	♄ Long.	♂ Long.	♀ Long.	♂ Long.	Mutual Aspts.	Lunar Aspects.					
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋
1	6 23 34	12 22 29	21 17 11	23 47 49	3 56 56			Δ	♂			
2	6 31 31	12 34 21	21 55 24	24 52 5	45 45					Δ		
3	6 27 12	12 39 22	39 25 55	7 35 35		☉ □ ♄		☐			*	
4	6 24 12	12 44 23	22 26 58	9 26 26			♂			☐		♂
5	6 21 12	12 49 24	6 28 11	11 18 18		♀ □ ♄						*
6	6 17 12	12 54 24	50 29 41	13 10 10		♀ □ ♄		*	Δ			
7	6 14 13	0 25 34	0 ^m 8 15 4			♀ Δ ☿				*		
8	6 11 13	6 26 17	1 13 16	59 59		☉ ☿ ♀				☐	♂	☐
9	6 8 13	12 27 1	2 17 18	55 55			*					*
10	6 5 13	18 27 44	3 22 20	51 51				♂				Δ
11	6 2 13	24 28 27	4 27 22	48 48		♂ Δ ♄			*	♂		
12	6 0 13	30 29 11	5 32 24	46 46		☉ □ ♈		☐			*	☐
13	5 57 13	37 29 54	6 37 26	46 46		♀ ☿ ♈						
14	5 55 13	44 0 37	7 43 28	45 45				Δ	*		☐	Δ
15	5 52 13	51 1 20	8 48 0	45 45		♀ * ☿				♂	*	♂
16	5 50 13	58 2 4 9	54 2 44					☐				
17	5 47 14	5 2 47	11 0 4 43							☐	Δ	
18	5 45 14	12 3 30	12 6 6 42			♀ Δ ♈	♂					
19	5 43 14	19 4 13	13 12 8 40			♀ Δ ♄		Δ	*			♂
20	5 41 14	27 4 56	14 19 10 37			☉ * ☿				Δ		Δ
21	5 39 14	35 5 39	15 26 12 32							☐	♂	
22	5 38 14	43 6 22	16 33 14 25			♀ * ♀						☐
23	5 36 14	51 7 5	17 40 16 16					Δ	♂	Δ		
24	5 35 14	59 7 48	18 47 18 4							♂		
25	5 33 15	7 8 31	19 54 19 50								*	Δ
26	5 32 15	15 9 14	21 1 21 33			☉ Δ ♈		☐			Δ	
27	5 31 15	23 9 56	22 9 23 10									☐
28	5 29 15	32 10 39	23 17 24 42						Δ	♂		
29	5 28 15	41 11 21	24 25 26 9					*			Δ	☐
30	5 27 15	50 12 32	25 33 27 32								♂	*
31	5 26 15	59 12 46	26 41 28 52					☐				

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	2	08 8	20 N11	0 N51	19 N44	08 16	22 N13
4	16	1	0 8	20 13	0 51	19 45	0 16	22 32
7	16	0	0 8	20 15	0 51	19 45	0 15	22 35
10	15	59	0 8	20 16	0 51	19 45	0 15	22 38
13	15	58	0 8	20 18	0 51	19 44	0 14	22 41
16	15	58	0 8	20 20	0 51	19 44	0 14	22 44
19	15	57	0 8	20 22	0 51	19 43	0 14	22 47
22	15	56	0 8	20 24	0 51	19 42	0 13	22 50
25	15	55	0 8	20 26	0 51	19 40	0 13	22 53
28	15	55	0 8	20 28	0 51	19 39	0 13	22 56

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☿ Long.	♈ Lat.	♈ Declin.	♈ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	0 37 16	11 14 8	4 N27	18 29	1 N45	2 S57	0 53
2	S	0 41 12	12 13 17	4 50	1 8	2 46	2 N59	0 46
3	S	0 45 9	13 12 23	5 13	14 4	3 40	8 56	0 42
4	M	0 49 6	14 11 28	5 36	27 17	4 24	14 36	0 38
5	Tu	0 53 2	15 10 30	5 59	10 46	4 53	19 42	0 34
6	W	0 56 59	16 9 31	6 22	24 26	5 7	23 51	0 30
7	Th	1 0 55	17 8 29	6 44	8 17	5 3	26 41	0 26
8	F	1 4 52	18 7 25	7 7	22 16	4 41	27 54	1 22
9	S	1 8 48	19 6 16	7 29	6 20	4 2	27 20	1 18
10	S	1 12 45	20 5 9	7 52	20 27	3 8	25 0	1 14
11	M	1 16 41	21 3 58	8 14	4 36	2 2	21 7	1 10
12	Tu	1 20 38	22 2 46	8 36	18 45	0 50	16 0	1 6
13	W	1 24 35	23 1 30	8 57	2 54	0 8	26 10	1 2
14	Th	1 28 31	24 0 12	9 19	16 59	1 40	3 36	1 28
15	F	1 32 28	24 58 52	9 41	0 59	2 47	2 S57	1 24
16	S	1 36 24	25 57 30	10 2	14 49	3 43	9 17	1 20
17	S	1 40 21	26 56 6	10 23	28 27	4 26	15 4	1 16
18	M	1 44 17	27 54 40	10 44	11 49	4 53	20 2	1 12
19	Tu	1 48 14	28 53 12	11 5	24 54	5 4	23 55	1 8
20	W	1 52 10	29 51 42	11 26	7 40	4 59	26 31	1 4
21	Th	1 56 7	0 50 11	11 46	20 7	4 40	27 45	1 40
22	F	2 0 4	1 48 38	12 7	2 20	4 8	27 35	1 46
23	S	2 4 0	2 47 4	12 26	14 19	3 26	26 6	1 52
24	S	2 7 57	3 45 27	12 47	26 11	2 36	23 29	1 58
25	M	2 11 53	4 43 50	13 7	8 0	1 38	19 52	1 54
26	Tu	2 15 50	5 42 10	13 26	19 52	0 37	15 27	1 50
27	W	2 19 46	6 40 30	13 45	1 51	0 N27	10 24	2 2
28	Th	2 23 43	7 38 47	14 4	14 3	1 31	4 59	2 8
29	F	2 27 39	8 37 3	14 23	26 33	2 31	0 N56	2 14
30	S	2 31 36	9 35 18	14 42	9 23	3 26	6 52	2 20

MAY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	08 8	20 N 30	0 N 51	19 N 37	08 11	22 N 59
4	15	52	0 8	20 32	0 51	19 35	0 11	23 2
7	15	51	0 8	20 34	0 51	19 33	0 10	23 4
10	15	51	0 8	20 36	0 51	19 30	0 10	23 7
13	15	50	0 8	20 38	0 51	19 27	0 10	23 9
16	15	49	0 8	20 40	0 51	19 25	0 10	23 11
19	15	49	0 8	20 42	0 51	19 21	0 10	23 12
22	15	48	0 8	20 44	0 51	19 18	0 9	23 14
25	15	48	0 8	20 46	0 51	19 15	0 9	23 16
28	15	47	0 8	20 48	0 51	19 11	0 9	23 17
31	15	47	0 8	20 50	0 51	19 7	0 9	23 18

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	S	2 35 33	10 33 30	15 N 0	22 35	4 N 11	12 N 40	2 13
2	M	2 39 29	11 31 42	15 18	6 9	4 43	18 2	2 16
3	Tu	2 43 26	12 29 51	15 36	20 2	4 59	22 84	2 20
4	W	2 47 22	13 27 59	15 54	4 9	4 58	25 52	2 23
5	Th	2 51 19	14 26 51	16 11	18 27	4 38	27 34	2 26
6	F	2 55 15	15 24 9	16 28	25 48	4 12	27 26	2 30
7	S	2 59 12	16 22 11	16 45	17 9	3 8	25 28	2 33
8	S	3 3 8	17 20 11	17 1	1 25	2 4	21 53	2 36
9	M	3 7 5	18 18 10	17 18	15 35	0 52	17 1	2 40
10	Tu	3 11 2	19 16 6	17 33	29 36	0 8	22 11	2 43
11	W	3 14 58	20 14 1	17 49	13 29	1 34	5 3	2 46
12	Th	3 18 55	21 11 54	18 4	27 14	2 39	18 20	2 50
13	F	3 22 51	22 9 45	18 19	10 49	3 35	7 35	2 53
14	S	3 26 48	23 7 35	18 34	24 15	4 18	13 24	2 57
15	S	3 30 44	24 5 23	18 49	7 30	4 46	18 32	3 1
16	M	3 34 41	25 3 9	19 3	20 32	4 59	22 42	3 4
17	Tu	3 38 37	26 0 54	19 16	3 20	4 57	25 41	3 8
18	W	3 42 34	26 58 38	19 30	15 54	4 40	27 21	3 10
19	Th	3 46 31	27 56 20	19 43	28 14	4 10	27 36	3 14
20	F	3 50 27	28 54 1	19 56	10 21	3 29	26 31	3 17
21	S	3 54 24	29 51 41	20 8	22 18	2 39	24 14	3 20
22	S	3 58 20	0 49 20	20 20	4 9	1 43	20 54	3 23
23	M	4 2 17	1 46 58	20 32	15 57	0 42	16 44	3 27
24	Tu	4 6 13	2 44 35	20 44	27 48	0 N 21	11 56	3 30
25	W	4 10 10	3 42 11	20 55	9 47	1 23	6 37	3 33
26	Th	4 14 6	4 39 47	21 5	21 59	2 23	0 59	3 37
27	F	4 18 3	5 37 21	21 16	4 31	3 18	4 N 49	3 40
28	S	4 22 0	6 34 55	21 26	17 25	4 4	10 36	3 43
29	S	4 25 56	7 32 27	21 35	0 45	4 38	16 5	3 47
30	M	4 29 53	8 29 59	21 45	14 31	4 58	20 57	3 50
31	Tu	4 33 49	9 27 29	21 53	28 41	5 1	24 46	3 53

JUNE XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	08	8	0 N 51	19 N 6	08	9
4	15	48	0	8	0 51	19 1	0	8
7	15	47	0	8	0 51	18 57	0	8
10	15	47	0	8	0 51	18 53	0	8
18	15	47	0	8	0 51	18 48	0	8
16	15	46	0	8	0 51	18 43	0	7
19	15	46	0	8	0 51	18 38	0	7
22	15	46	0	8	0 51	18 33	0	7
25	15	46	0	8	0 52	18 28	0	6
28	15	46	0	8	0 52	18 22	0	6

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	4 37 46	10 24 59	22 N 2	13 10	4 N 44	27 N 5	3 57
2	Th	4 41 42	11 22 28	22 10 27	51	4 8 27	35	4 1
3	F	4 45 39	12 19 55	22 18 12	37	3 16 26	7	4 4
4	S	4 49 35	13 17 22	22 25 27	21	2 11 22	51	4 8
5	S	4 53 32	14 14 47	22 32 11	55	0 57 18	9	4 12
6	M	4 57 29	15 12 12	22 38 26	15	08 19 12	29	4 16
7	Tu	5 1 25	16 9 35	22 44 10	20	1 33 6	16	4 19
8	W	5 5 22	17 6 57	22 50 24	10	2 39 08	7	4 23
9	Th	5 9 18	18 4 18	22 55 7	44	3 36 6	23	4 27
10	F	5 13 15	19 1 38	22 0 21	4	4 20 12	14	4 30
11	S	5 17 11	19 58 57	23 5 4	11	4 49 17	27	4 34
12	S	5 21 8	20 56 15	23 9 17	5	5 8 21	47	4 38
13	M	5 25 4	21 53 32	23 18 29	47	5 1 25	1	4 42
14	Tu	5 29 1	22 50 49	23 16 12	17	4 45 27	0	4 46
15	W	5 32 58	23 48 5	23 19 24	36	4 16 27	37	4 49
16	Th	5 36 54	24 45 20	23 21 6	45	3 36 26	53	4 53
17	F	5 40 51	25 42 35	23 23 18	45	2 46 24	53	4 57
18	S	5 44 47	26 39 49	23 25 0	37	1 50 21	49	5 0
19	S	5 48 44	27 37 3	23 26 12	25	0 49 17	52	5 4
20	M	5 52 40	28 34 17	23 27 24	13	0 N 15	13	5 7
21	Tu	5 56 37	29 31 31	23 28 6	3	1 18 8	6	5 10
22	W	6 0 34	0 28 45	23 28 18	2	2 18 2	37	5 14
23	Th	6 4 30	1 25 58	23 27 0	14	3 14 3	N 3	5 17
24	F	6 8 27	2 23 12	23 26 12	44	4 1 8	44	5 20
25	S	6 12 23	3 20 26	23 25 25	37	4 38 14	13	5 23
26	S	6 16 20	4 17 39	23 23 8	56	5 2 19	15	5 26
27	M	6 20 16	5 14 53	23 21 22	44	5 9 23	26	5 29
28	Tu	6 24 13	6 12 6	23 19 6	5	4 57 26	23	5 32
29	W	6 28 9	7 9 20	23 16 21	37	4 26 27	38	5 35
30	Th	6 32 6	8 6 33	23 13 6	32	3 37 26	55	5 38

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 50	24 N 13	1 S 46	12 N 57	2 S 29	15 N 3	24 ^m 7
4	0 51	24 17	1 44	14 6	2 3	16 43	23 57
7	0 53	24 20	1 41	15 12	1 34	18 24	23 48
10	0 54	24 21	1 37	16 15	1 1	20 2	23 38
13	0 55	24 19	1 32	17 15	0 29	21 33	23 28
16	0 56	24 16	1 26	18 11	0 N 4	22 52	23 19
19	0 56	24 12	1 20	19 3	0 35	23 52	23 9
22	0 57	24 5	1 14	19 51	1 19	24 31	23 0
25	0 58	23 57	1 8	20 34	1 37	24 44	22 50
28	0 59	23 47	1 1	21 13	1 49	24 32	22 41

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	8 02	0 28	♄ 52	♂ 23	♀ 9 23	18 52	♊		*		♊	♊		
2	8 52	0 28	18 26	3 10	34 20	26					♊	♊	*	
3	8 10	28 32	26 43	11 45	22 2	♀ ♀ ♂							*	
4	8 15	28 45	27 23	12 58	23 41			*						*
5	8 21	28 59	28 3	14 10	25 22	♀ ♀ ♄	*		♊				☐	
6	8 27	29 12	28 43	15 22	27 6						*	*		☐
7	8 33	29 26	29 23	16 34	28 53	♊ ♂ ♄	☐	☐			*	*	Δ	☐
8	8 39	29 39	0 31	17 46	0 42					☐	☐			
9	8 45	29 53	0 43	18 58	2 34			Δ	*					Δ
10	8 51	0 56	1 22	20 10	4 27	♊ ♂ ☿	Δ							
11	8 57	0 20	2 22	21 22	6 23					☐	Δ	Δ	♊	
12	9 3	0 33	2 41	22 34	8 22	♀ * ♈							♊	
13	9 9	0 47	3 21	23 46	10 23			♊						
14	9 15	1 0	4 02	24 58	12 26				Δ					♊
15	9 21	1 14	4 40	26 10	14 30		♊							
16	9 27	1 28	5 19	27 22	16 36	☉ ♀ ♈					♊	♊		
17	9 33	1 42	5 59	28 34	18 43									
18	9 39	1 55	6 38	29 46	20 50			Δ					Δ	
19	9 46	2 9	7 18	0 58	23 0				♊					
20	9 52	2 22	7 57	2 10	25 13		Δ							Δ
21	9 59	2 36	8 37	3 22	27 25					☐	Δ	Δ	☐	
22	10 5	2 49	9 16	4 35	29 37	♀ ♂ ☿							*	☐
23	10 12	3 3	9 56	5 47	1 48	☉ ♂ ♊	☐	*		☐		*		☐
24	10 19	3 17	10 35	7 0	3 59	♊ ♂ ♄			Δ		☐			
25	10 25	3 31	11 14	8 12	6 10	☉ ♂ ♄								
26	10 32	3 44	11 53	9 24	8 19			*		☐	*	*		*
27	10 38	3 58	12 33	10 37	10 27									
28	10 45	4 11	13 12	11 50	12 34	♊ ♂ ♂		♊	*				♊	
29	10 52	4 25	13 52	13 2	14 40									
30	10 59	4 39	14 31	14 15	16 45		♊			♊				

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	45	08 8	21 N 9	0 N 52	18 N 17	08 5	23 N 17
4	15	45	0 8	21 11	0 52	18 11	0 5	23 15
7	15	45	0 7	21 12	0 52	18 5	0 5	23 14
10	15	45	0 7	21 14	0 52	17 59	0 5	23 12
13	15	45	0 7	21 15	0 52	17 53	0 5	23 10
16	15	46	0 7	21 17	0 52	17 47	0 4	23 9
19	15	46	0 7	21 18	0 52	17 41	0 4	23 6
22	15	46	0 7	21 19	0 52	17 35	0 4	23 3
25	15	46	0 7	21 21	0 53	17 28	0 4	23 0
28	15	47	0 7	21 22	0 53	17 22	0 3	22 55
31	15	47	0 7	21 23	0 53	17 15	0 3	22 53

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	6 36 8	95 3 47	23 N 9	21 53 36	2 N 32	24 N 14	5 11 41
2	S	6 39 59	10 1 0	23 5	6 23 39	1 17 19	52 5	44
3	S	6 43 56	10 58 13	23 0	21 33	08 4 14	17 5	47
4	M	6 47 52	11 55 26	22 55	6 10 10	1 22 7	59 5	50
5	Tu	6 51 48	12 52 39	22 50	20 28	2 34 1	25 5	53
6	W	6 55 45	13 49 51	22 44	4 23	3 35 58	2 5	56
7	Th	7 59 42	14 47 4	22 38	17 58	4 22 11	5 5	59
8	F	7 3 38	15 44 16	22 32	1 12	4 54 16	29 6	2
9	S	7 7 35	16 41 28	22 25	14 8	5 10 21	1 6	4
10	S	7 11 32	17 38 40	22 17	26 48	5 10 24	29 6	7
11	M	7 15 28	18 35 52	22 10	9 15	4 56 26	44 6	10
12	Tu	7 19 25	19 33 4	22 2	21 30	4 28 27	39 6	13
13	W	7 23 21	20 30 17	21 54	3 36	3 48 27	13 6	15
14	Th	7 27 18	21 27 29	21 45	15 35	2 59 25	31 6	18
15	F	7 31 14	22 24 42	21 36	27 28	2 22 41	6 21	
16	S	7 35 11	23 21 55	21 26	9 16	1 18 55	6 24	
17	S	7 39 7	24 19 9	21 16	21 4	0 N 4 14	26 6	26
18	M	7 43 4	25 16 23	21 6	2 52	1 8 9	24 6	29
19	Tu	7 47 1	26 13 38	20 55	14 45	2 10 4	0 6	31
20	W	7 50 57	27 10 54	20 44	26 47	3 8 1	N 35 6	34
21	Th	7 54 54	28 8 11	20 33	9 0	3 57 7	12 6	36
22	F	7 58 50	29 5 28	20 21	21 30	4 37 12	39 6	39
23	S	8 2 47	0 2 46	20 9	4 20	5 4 17	44 6	41
24	S	8 6 43	1 0 6	19 57	17 35	5 16 22	8 6	44
25	M	8 10 40	1 57 26	19 44	1 16	5 10 25	29 6	46
26	Tu	8 14 36	2 54 47	19 31	15 25	4 47 27	24 6	49
27	W	8 18 33	3 52 9	19 18	29 58	4 4 27	31 6	51
28	Th	8 22 30	4 49 32	19 4	14 53	3 4 25	40 6	53
29	F	8 26 26	5 46 56	18 51	0 2	1 50 21	57 6	55
30	S	8 30 23	6 44 21	18 36	15 12	0 28 16	44 6	57
31	S	8 34 19	7 41 47	18 22	0 19	08 55 10	30 6	59

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 0	23 N 35	0 S 55	21 N 46	1 N 51	23 N 58	22 ^{ma} 31
4	1 1	23 22	0 47	22 14	1 53	23 3	22 21
7	1 1	23 7	0 40	22 36	1 48	21 51	22 12
10	1 2	22 50	0 32	22 53	1 40	20 27	22 2
13	1 2	22 32	0 25	23 3	1 26	18 53	21 53
16	1 3	22 12	0 17	23 8	1 7	17 13	21 43
19	1 4	21 51	0 9	23 7	0 44	15 28	21 34
22	1 5	21 28	0 N 1	23 0	0 16	13 42	21 24
25	1 5	21 4	0 6	22 46	0 S 10	11 56	21 14
28	1 6	20 39	0 14	22 27	0 41	10 12	21 5
31	1 6	20 12	0 21	22 2	1 15	8 33	20 55

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	11 Ω 6	4 ^{sc} 52	15 ^{sc} 11	15 Π 27	18 ^{sc} 48								♌
2	11 13	5 6	15 50	16 40	20 48	☿ ∠ ☿	*	♌					♌
3	11 20	5 20	16 29	17 52	22 47								*
4	11 27	5 34	17 8	19 52	24 44		*	☐		*			*
5	11 34	5 47	17 47	20 17	26 40					*	☐		
6	11 41	6 1	18 26	21 30	28 34			Δ		☐			*
7	11 48	6 15	19 5	22 42	0 Ω 26		☐		*		☐	Δ	
8	11 55	6 28	19 44	23 54	2 16					Δ			☐
9	12 3	6 42	20 23	25 7	4 4		Δ		☐				
10	12 10	6 55	21 2	26 21	5 50	☿ * ☿					Δ		
11	12 17	7 9	21 41	27 34	7 33	☿ ∠ ♈		♌	Δ				Δ
12	12 25	7 22	22 20	28 47	9 15								
13	12 32	7 35	22 59	0 ^{sc} 0	10 55					♌		♌	
14	12 39	7 49	23 38	1 12	12 33	☿ ∠ ♈						♌	
15	12 47	8 2	24 17	2 25	14 9		♌				♌		
16	12 54	8 16	24 56	3 38	15 42			Δ	♌				
17	13 1	8 29	25 34	4 51	17 13								♌
18	13 9	8 43	26 13	6 4	18 42			☐		Δ		Δ	
19	13 16	8 56	26 52	7 17	20 10								
20	13 24	9 10	27 31	8 30	21 36		Δ				Δ		
21	13 31	9 23	28 10	9 44	23 0	☉ ∠ ♌		*	Δ	☐		☐	
22	13 38	9 36	28 48	10 57	24 22	☿ ∠ ♌							Δ
23	13 45	9 50	29 27	12 10	25 42		☐			*	☐		
24	13 53	10 3	0 Ω 6	13 23	27 0				☐			*	
25	14 0	10 16	0 44	14 36	28 15		*	♌			*		☐
26	14 8	10 29	1 23	15 50	29 28				*				
27	14 16	10 42	2 2	17 3	0 ^{ma} 39								*
28	14 23	10 55	2 40	18 17	1 47					♌		♌	
29	14 31	11 8	3 19	19 30	2 53						♌	♌	
30	14 39	11 21	3 57	20 43	3 56	☉ * ☿		☐	♌				♌
31	14 47	11 34	4 36	21 57	4 58	☿ ∠ ☿		☐					♌

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.							
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
	'	"	°	'	°	'	°	'						
1	15	48	08	7	21	N23	0	N53	17	N13	08	3	22	N51
4	15	48	0	7	21	24	0	53	17	6	0	2	22	50
7	15	49	0	7	21	25	0	54	17	0	0	2	22	47
10	15	49	0	7	21	26	0	54	16	53	0	2	22	44
13	15	50	0	7	21	27	0	54	16	46	0	2	22	40
16	15	50	0	7	21	27	0	55	16	40	0	2	22	36
19	15	51	0	7	21	28	0	55	16	33	0	1	22	33
22	15	51	0	7	21	29	0	55	16	26	0	1	22	29
25	15	52	0	7	21	29	0	56	16	20	0	1	22	25
28	15	53	0	7	21	30	0	56	16	13	0	0	22	21
31	15	53	0	7	21	30	0	56	16	6	0	0	22	17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♅ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	8 38 16	8 23 39	18 N 7	15 11 11	2 8 14	3 N 47	7 11 1
2	Tu	8 43 12	9 36 40	17 52	29 43	3 22	2 S 58	7 3 3
3	W	8 46 9	10 34 8	17 36	13 50	4 15 9	23	7 5 5
4	Th	8 50 6	11 31 37	17 20	27 31	4 53 15	9	7 7 7
5	F	8 54 2	12 29 7	17 4	10 48	5 13 20	2	7 7 9
6	S	8 57 59	13 26 37	16 45	23 41	5 17 23	45	7 11 1
7	S	9 1 55	14 24 8	16 31	6 16	5 5 26	23	7 13 3
8	M	9 5 52	15 21 39	16 15	18 34	4 40 27	37	7 14 5
9	Tu	9 9 48	16 19 12	15 57	0 40	4 2 27	30	7 16 7
10	W	9 13 45	17 16 46	15 40	12 38	3 14 26	5	7 18 9
11	Th	9 17 41	18 14 20	15 23	24 29	2 19 23	31	7 20 1
12	F	9 21 38	19 11 56	15 5	6 18	1 17 19	58	7 21 3
13	S	9 25 35	20 9 32	14 47	18 6	0 12 15	37	7 23 5
14	S	9 29 31	21 7 10	14 28	29 55	0 N 53	10 41	7 25 7
15	M	9 33 28	22 4 50	14 10	11 49	1 57 5	20	7 26 9
16	Tu	9 37 24	23 2 30	13 51	23 40	2 50	0 N 14	7 27 1
17	W	9 41 21	24 0 12	13 82	5 58	3 47 5	51	7 29 3
18	Th	9 45 17	24 57 56	13 13	18 19	4 29 11	20	7 30 5
19	F	9 49 14	25 55 42	12 53	0 53	5 0 16	28	7 31 7
20	S	9 53 10	26 53 29	12 84	13 45	5 13 20	59	7 32 9
21	S	9 57 7	27 51 17	12 14	26 57	5 15 24	36	7 34 1
22	M	10 1 4	28 49 8	11 54	10 30	4 58 26	57	7 35 3
23	Tu	10 5 0	29 47 0	11 33	24 28	4 23 27	43	7 36 5
24	W	10 8 57	0 44 54	11 13	8 48	3 81 26	40	7 37 7
25	Th	10 12 53	1 42 50	10 52	23 29	2 23 23	46	7 38 9
26	F	10 16 50	2 40 47	10 32	8 25	1 5 19	14	7 39 1
27	S	10 20 46	3 38 47	10 11	23 30	0 S 18	13 25	7 40 3
28	S	10 24 43	4 36 47	9 50	8 35	1 40 6	49	7 41 5
29	M	10 28 39	5 34 50	9 28	23 32	2 54 0	S 5	7 41 7
30	Tu	10 32 36	6 32 54	9 7	8 11	3 55 6	51	7 42 9
31	W	10 36 32	7 30 59	8 45	22 27	4 40 13	4	7 43 1

AUGUST XXXI DAYS.

Mars.		Venus.		Mercury.		Moon's Node.					
Lat.	Declin.	Lat.	Declin.	Lat.	Declin.						
° /	° /	° /	° /	° /	° /	° /					
1 N 6	20 N 3	0 S 24	21 N 52	1 S 26	8 N 1.	20 ^m 53					
1 7	19 34	0 31	21 19	2 1	6 31	20 43					
1 7	19 5	0 37	20 40	2 36	5 12	20 34					
1 8	18 34	0 44	19 56	3 10	4 6	20 24					
1 8	18 2	0 50	19 7	3 43	3 19	20 14					
<hr/>											
1 9	17 29	0 56	18 13	4 10	2 53	20 5					
1 9	16 55	1 1	17 14	4 30	2 53	19 55					
1 9	16 20	1 6	16 11	4 38	3 22	19 46					
1 10	15 45	1 10	15 4	4 32	4 21	19 36					
1 10	15 8	1 14	13 53	4 3	5 43	19 27					
1 10	14 30	1 17	12 38	3 29	7 17	19 17					
<hr/>											
♂	♀	♂	♀	♂	Mutual Lunar Aspects.						
Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♂	♀	♂	♀
° /	° /	° /	° /	° /							
14 54	11 54	5 52	14 23	5 55				*			
15 21	2 0	5 52	24 6	49	☿ ☐ ☿			*	*		
15 9	12 12	6 31	25 37	41		* Δ	*	☐			
15 17	12 25	7 10	26 50	30	♂ * ☿				☐		
15 24	12 38	7 48	28 3	15		☐		☐ Δ	☐	*	
<hr/>											
15 32	12 50	8 27	29 17	57						Δ	
15 39	13 3	5 0	31 10	35		Δ	♂			Δ	☐
15 46	13 15	9 44	1 44	9				Δ			
15 54	13 28	10 22	2 58	39	☉ ☿ ♀						
16 2	13 40	11 1	4 12	4							Δ
<hr/>											
16 10	13 53	11 39	5 26	12							
16 18	14 5	17 6	39	12			♂				
16 26	14 17	56 7	53	12	♀ * ☿	♂		♂		♂	
16 34	14 29	34 9	7	12							
16 42	14 41	13 10	21	12	58		☐		Δ		♂
<hr/>											
16 50	14 53	51 11	35	12	♂ 53						
16 58	15 5	29 12	49	12			*				
17 6	15 17	7 14	3	12				Δ	☐	Δ	Δ
17 13	15 29	46 15	17	12		Δ					
17 21	15 41	24 16	31	11	38. ♂ ☿ ♀			☐	*	☐	Δ
<hr/>											
17 28	15 53	2 17	45	11	4 ♀ ☿ ♀	☐					
17 36	16 4	41 18	59	10	26 ♀ ☿ ♂		♂				☐
17 43	16 16	19 20	13	9	43		*		*	*	*
17 51	16 27	57 21	27	8	55						*
17 58	16 39	36 22	42	8	4				♂		
<hr/>											
18 6	16 50	21 14	23	7	10 ♀ ☐ ☿		*				
18 13	17 1	52 25	11	6	15				♂		♂
18 21	17 12	30 26	25	5	20 ♀ ☿ ☉	♂	☐			♂	♂
18 28	17 23	8 27	40	4	26					*	
18 36	17 34	47 28	54	3	32		Δ				
18 43	17 45	25 0 ^m	8 2	40	☉ ☐ ☿			*	☐	*	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	53	0 8	7 21 N 30	0 N 57	16 N 4	0 N 1	22 N 1
4	15	54	0 7	21 30	0 57	15 57	0 1	22 12
7	15	54	0 7	21 31	0 57	15 51	0 1	22 3
10	15	55	0 7	21 31	0 58	15 44	0 2	22 4
13	15	56	0 7	21 31	0 58	15 38	0 2	22 9
16	15	56	0 7	21 31	0 58	15 32	0 2	21 5
19	15	57	0 7	21 31	0 58	15 26	0 3	21 52
22	15	58	0 7	21 31	0 59	15 19	0 3	21 4
25	15	59	0 7	21 30	0 59	15 14	0 3	21 4
28	16	0	0 7	21 30	0 59	15 8	0 4	21 4

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♂ Lat.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	10 40 29	8 29 6	8 N 24	6 17	5 8	6 18 S 27	7 10
2	F	10 44 26	9 27 15	8 21 19	40	5 16	22 44	7 3
3	S	10 48 22	10 25 24	7 40 2	37	5 9	25 44	7 4
4	S	10 52 19	11 23 36	7 16 15	11	4 46	27 23	7 4
5	M	10 56 15	12 21 49	6 56 27	27	4 12	27 38	7 6
6	Tu	11 0 12	13 20 3	6 33 9	30	3 26	26 33	7 6
7	W	11 4 8	14 18 19	6 11 21	23	2 32	24 16	7 6
8	Th	11 8 5	15 16 36	5 48 3	11	1 33	20 58	7 6
9	F	11 12 1	16 14 55	5 26 14	59	0 29	16 49	7 6
10	S	11 15 58	17 13 15	5 8 26	49	0 N 36	12 1	7 4
11	S	11 19 55	18 11 88	4 40 8	44	1 40	6 46	7 6
12	M	11 23 51	19 10 2	4 17 20	47	2 40	1 12	7 6
13	Tu	11 27 48	20 8 28	3 55 2	59	3 33	4 N 27	7 6
14	W	11 31 44	21 6 56	3 32 15	22	4 17	10 0	7 6
15	Th	11 35 41	22 5 26	3 8 27	57	4 49	15 15	7 6
16	F	11 39 37	23 3 58	2 45 10	44	5 8	19 56	7 6
17	S	11 43 34	24 2 82	2 22 23	46	5 11	23 45	7 6
18	S	11 47 30	25 1 8	1 59 7	2	4 58	26 24	7 6
19	M	11 51 27	25 59 47	1 36 20	34	4 28	27 35	7 6
20	Tu	11 55 24	26 58 28	1 12 4	22	3 42	27 5	7 6
21	W	11 59 20	27 57 11	0 49 18	28	2 42	24 52	7 6
22	Th	12 3 17	28 55 56	0 25 2	50	1 31	21 1	7 6
23	F	12 7 13	29 54 44	0 21 7	26	0 13	15 49	7 6
24	S	12 11 10	0 53 34	0 S 21	2	1 8	7 9	40
25	S	12 15 6	1 52 26	0 45 17	0	2 23	2 57	7 6
26	M	12 19 3	2 51 20	1 8 1	45	3 28	3 S 53	7 6
27	Tu	12 22 59	3 50 16	1 32 16	19	4 19	10 24	7 6
28	W	12 26 56	4 49 14	1 55 0	35	4 52	16 14	7 6
29	Th	12 30 53	5 48 14	2 18 14	27	5 7	21 4	7 6
30	F	12 34 49	6 47 16	2 42 27	58	5 52	24 39	7 6

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	1 N10	14 N17	1 N18	12 N13	3 S14	7 N49	19 ^m 14
4	1 10	13 39	1 21	10 54	2 18	9 17	19 4
7	1 11	12 59	1 22	9 33	1 21	10 23	18 55
0	1 11	12 19	1 24	8 9	0 25	11 0	18 45
3	1 11	11 39	1 25	6 44	0 N23	11 1	18 36
6	1 11	10 57	1 24	5 16	1 1	10 26	18 26
9	1 11	10 15	1 24	3 47	1 28	9 19	18 17
22	1 11	9 33	1 24	2 17	1 45	7 45	18 7
5	1 12	8 50	1 23	0 47	1 51	5 51	17 58
8	1 12	8 7	1 22	0 S45	1 52	3 45	17 48

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	18 Ω 51	17 ♄ 56	25 Ω 3	1 ♉ 23	1 ♉ 52	♊ ☿ ♀	*						*	*
2	18 58	18 7 25	41	2 37	1 ♉ 10				☿	♈	♉	♊	♋	♌
3	19 5	18 18 26	19	3 51	0 36			☿					♋	♌
4	19 13	18 29 26	57	5 5	0 8		☿		♈					
5	19 20	18 39 27	35	6 19	29 Ω 47							♈		♌
6	19 27	18 49 28	13	7 34	29 35	♀ ☿ ♈	Δ						♈	
7	19 35	18 59 28	51	8 49	29 D31					♈				
8	19 42	19 9 29	29	10 4	29 37			Δ						
9	19 49	19 19 0	7	11 18	29 51			♈					♈	
10	19 57	19 29 0	45	12 33	0 ♉ 12							♈		♈
11	20 4	19 39 1	23	13 47	0 45			☿	♈				♈	
12	20 11	19 49 2	1	15 2	1 28		☿			♈			♈	
13	20 18	19 59 2	39	16 16	2 17	☉ * ♄		*						
14	20 25	20 8 3	17	17 31	3 14				♈	♈				
15	20 32	20 18 3	55	18 45	4 18	♈ ☿ ♀								
16	20 39	20 27 4	33	20 0	5 28	♀ * ♄					♈		♈	Δ
17	20 46	20 37 5	11	21 15	6 45		Δ		☿	♈	*		♈	Δ
18	20 53	20 46 5	49	22 29	8 9	♊ ☿ ♈		☿		*		♈	♈	♈
19	21 0	20 55 6	27	23 44	9 36		☿		*			♈	♈	
20	21 6	21 4 7	5	24 59	11 7					*		*		
21	21 13	21 12 7	43	26 14	12 42	♈ ☿ ♈					♈			*
22	21 20	21 21 8	21	27 29	14 20		*	*			♈		*	*
23	21 26	21 29 8	59	28 44	16 2			♈					*	
24	21 33	21 37 9	37	29 58	17 47			☿						
25	21 40	21 46 10	15	1 ♈ 13	19 33					*	♈		♈	
26	21 46	21 54 10	53	2 28	21 19	♊ * ♄	♈	Δ					♈	
27	21 52	22 11 31	3	42 23	6	☉ ☿ ♀			*	♈			♈	
28	21 58	22 10 12	9	4 57	24 54									
29	22 5	22 17 12	47	6 12	26 42						*			
30	22 11	22 25 13	25	7 27	28 30	♀ Δ ♈			☿	♈			*	*

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Decl.
	'	"	°	'	°	'	°	'
1	16	1	08	7	21 N 30	1 N 0	15 N 2	0 N 4
4	16	2	0	7	21 29	1 0	14 57	0 4
7	16	3	0	7	21 29	1 0	14 51	0 5
10	16	4	0	7	21 28	1 1	14 46	0 5
13	16	5	0	6	21 27	1 1	14 41	0 6
16	16	5	0	6	21 27	1 2	14 36	0 6
19	16	6	0	6	21 26	1 2	14 32	0 7
22	16	7	0	6	21 25	1 3	14 28	0 7
25	16	8	0	6	21 24	1 4	14 24	0 7
28	16	9	0	6	21 23	1 4	14 20	0 8
31	16	9	0	6	21 22	1 5	14 16	0 8

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Lat.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	S	12 38 46	7 46 20	38 5	10 453	48 47	26 8 49	7 12
2	S	12 42 42	8 45 25	3 29 23	30	4 15 27	32	7 12
3	M	12 46 39	9 44 33	3 52 5	47	3 32 26	51	7 12
4	Tu	12 50 35	10 43 42	4 15 17	50	2 40 24	55	7 12
5	W	12 54 32	11 42 53	4 38 29	42	1 42 21	54	7 12
6	Th	12 58 29	12 42 5	5 11 30	0	0 41 18	0	7 12
7	F	13 2 25	13 41 20	5 24 23	18	0 N 23 13	24	7 12
8	S	13 6 22	14 40 36	5 47 5	11	1 26 8	17	7 12
9	S	13 10 18	15 39 54	6 10 17	13	2 25 2	49	7 12
10	M	13 14 15	16 39 14	6 33 29	27	3 19 2	N 49	7 12
11	Tu	13 18 11	17 38 36	6 56 11	54	4 4 8	27	7 12
12	W	13 22 8	18 38 0	7 18 24	35	4 38 13	50	7 12
13	Th	13 26 4	19 37 26	7 41 7	30	4 58 18	43	7 12
14	F	13 30 1	20 36 54	8 3 20	38	5 3 23	48	7 12
15	S	13 33 57	21 36 25	8 26 3	59	4 52 25	44	7 12
16	S	13 37 54	22 35 57	8 48 17	30	4 24 27	16	7 12
17	M	13 41 51	23 35 32	9 10 1	11	3 41 27	9	7 12
18	Tu	13 45 47	24 35 10	9 32 15	1	2 45 25	21	7 12
19	W	13 49 44	25 34 49	9 54 29	0	1 38 21	58	7 12
20	Th	13 53 40	26 34 31	10 16 13	2	0 25 17	17	7 12
21	F	13 57 37	27 34 15	10 37 27	23	0 8 51	11	36
22	S	14 1 33	28 34 1	10 58 11	44	2 4 5	16	7 12
23	S	14 5 29	29 33 50	11 20 26	7	3 9 18	21	7 12
24	M	14 9 26	0 m 33 40	11 41 10	29	4 1 7	51	7 12
25	Tu	14 13 23	1 33 33	12 2 24	43	4 35 13	54	7 12
26	W	14 17 19	2 33 28	12 22 8	44	4 58 19	7	7 12
27	Th	14 21 16	3 33 25	12 48 22	27	5 0 23	14	7 12
28	F	14 25 13	4 33 23	13 3 5	49	4 45 25	58	6 5
29	S	14 29 9	5 33 24	13 23 18	48	4 16 27	14	6 5
30	S	14 33 6	6 33 26	13 43 1	24	3 34 27	1	6 5
31	M	14 37 2	7 33 29	14 3 18	42	2 44 25	28	6 5

NOVEMBER XXX DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	0 8	6 21 N 22	1 N 5	14 N 15	0 N 8	21 N 16
4	16	9	0 6	21 21	1 5	14 12	0 9	21 15
7	16	10	0 6	21 20	1 6	14 9	0 9	21 15
10	16	11	0 6	21 18	1 6	14 7	0 9	21 15
13	16	12	0 6	21 17	1 7	14 4	0 10	21 15
16	16	12	0 6	21 16	1 8	14 2	0 10	21 15
19	16	13	0 6	21 15	1 8	14 1	0 10	21 17
22	16	13	0 6	21 13	1 9	14 0	0 11	21 17
25	16	14	0 6	21 12	1 10	13 59	0 12	21 17
28	16	14	0 6	21 11	1 10	13 58	0 12	21 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	14 40 59	8 33 35	14 S 22	25 45	1 S 47	22 S 46	6 50
2	W	14 44 55	9 33 42	14 41	7 37	0 46	19 8	6 50
3	Th	14 48 52	10 33 51	15 0	19 25	0 N 16	14 45	6 45
4	F	14 52 49	11 34 1	15 19	1 14	1 18	9 50	6 43
5	S	14 56 45	12 34 12	15 37	13 9	2 17	4 31	6 41
6	S	15 0 42	13 34 25	15 55	25 16	3 10	1 N 2	6 38
7	M	15 4 39	14 34 40	16 14	7 37	3 56	6 38	6 36
8	Tu	15 8 35	15 34 56	16 31	20 16	4 31	12 6	6 34
9	W	15 12 31	16 35 14	16 49	3 14	4 53	17 11	6 32
10	Th	15 16 28	17 35 34	17 6	16 31	5 0	21 34	6 30
11	F	15 20 24	18 35 55	17 22	0 11 4	4 50	24 54	6 28
12	S	15 24 21	19 36 18	17 39	13 50	4 24	26 51	6 25
13	S	15 28 18	20 36 43	17 55	27 45	3 41	27 8	6 23
14	M	15 32 14	21 37 9	18 11	11 47	2 45	25 41	6 20
15	Tu	15 36 11	22 37 38	18 27	25 52	1 35	22 36	6 18
16	W	15 40 7	23 38 8	18 42	9 57	0 26	18 11	6 15
17	Th	15 44 4	24 38 40	18 57	24 3	0 S 45	12 45	6 13
18	F	15 48 1	25 39 14	19 11	8 7	2 0	6 40	6 10
19	S	15 51 57	26 39 50	19 26	22 10	3 4	0 17	6 8
20	S	15 55 54	27 40 27	19 39	6 9	3 57	6 8	6 6
21	M	15 59 50	28 41 6	19 53	20 4	4 35	12 5	6 4
22	Tu	16 3 47	29 41 47	20 6	3 52	4 56	17 27	6 1
23	W	16 7 43	0 42 29	20 19	17 28	5 1	21 52	5 58
24	Th	16 11 40	1 43 13	20 31	0 51	4 49	25 3	5 55
25	F	16 15 36	2 43 58	20 43	13 57	4 21	26 49	5 53
26	S	16 19 33	3 44 44	20 55	26 46	3 41	27 6	5 51
27	S	16 23 29	4 45 32	21 6	9 17	2 51	25 53	5 48
28	M	16 27 26	5 46 20	21 17	21 31	1 54	23 36	5 45
29	Tu	16 31 22	6 47 10	21 28	3 32	0 52	20 13	5 43
30	W	16 35 19	7 48 1	21 38	15 24	0 N 11	16 3	5 41

1859.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

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NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 10	0 S 21	0 N 24	16 S 41	1 S 19	19 S 27	16 ^m 0
4	1 10	1 6	0 16	17 49	1 36	20 51	15 50
7	1 10	1 51	0 9	18 52	1 52	22 6	15 41
10	1 10	2 36	0 2	19 51	2 7	23 12	15 31
13	1 9	3 21	0 S 5	20 46	2 18	24 6	15 22
16	1 9	4 5	0 12	21 34	2 27	24 50	15 12
19	1 8	4 50	0 19	22 18	2 31	25 21	15 2
22	1 8	5 33	0 27	22 55	2 31	25 40	14 53
25	1 7	6 17	0 34	23 27	2 25	25 46	14 43
28	1 7	7 0	0 42	23 52	2 13	25 38	14 34

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	24 Ω 53	25 ☿ 3	3 ♄ 37	17 ♀ 28	21 ♀ 35								*
2	24 57 25	6 4	14 18	43 23	5 ♀	☿ ☐ ♈	☐	Δ					
3	25 0 25	8 4	52 19	58 24	35								
4	25 4 25	10 5	29 21	13 26	4								
5	25 8 25	11 6	7 22	28 27	33		Δ						
6	25 12 25	12 6	45 23	43 29	2	♂ Δ ♈							
7	25 15 25	13 7	22 24	59 0	♂ 30	☿ ☐ ♈		*					
8	25 18 25	14 8	0 26	14 1	57								
9	25 21 25	14 8	37 27	29 3	24								
0	25 24 25	15 9	15 28	44 4	51		♂						
1	25 27 25	15 9	52 29	59 6	17	☿ ♂ ♈		♂					
2	25 30 25	16 10	31 1	♂ 15	7 42								
3	25 33 25	15 11	8 2	30 9	6								
4	25 35 25	15 11	46 3	45 10	30	☿ ☐ ♈							
5	25 38 25	14 12	23 5	0 11	53		Δ						
6	25 40 25	14 13	1 6	15 13	15	☿ * ♂		*					
7	25 42 25	13 13	38 7	30 14	35		☐						
8	25 44 25	11 14	16 8	45 15	54	☉ ☐ ♈		♂					
9	25 46 25	9 14	54 10	0 17	12	☿ ☐ ♈	*						
0	25 48 25	7 15	32 11	15 18	29		Δ						
1	25 50 25	5 16	9 12	30 19	44								
2	25 51 25	3 16	47 13	45 20	57								
3	25 53 25	1 17	24 15	0 22	7								
4	25 56 24	59 18	2 16	15 23	14		♂	♂					
5	25 57 24	57 18	40 17	31 24	19								
6	25 58 24	55 19	18 18	46 25	20								
7	25 59 24	52 19	55 20	1 26	17	☉ ♄ ♂							
8	26 0 24	49 20	33 21	16 27	9	☉ ♂ ♈							
9	26 0 24	46 21	11 22	31 27	57		*	Δ					
0	26 1 24	43 21	48 23	46 28	39								

DECEMBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	16	0 8	6 21 N 10	1 N 11	13 N 58	0 N 13	21 N 35
4	16	16	0	6 21	1 12	13 58	0 13	21 38
7	16	17	0	6 21	1 13	13 58	0 14	21 30
10	16	17	0	6 21	1 13	13 59	0 14	21 34
13	16	17	0	6 21	1 14	14 0	0 15	21 37
16	16	18	0	6 21	1 15	14 2	0 15	21 40
19	16	18	0	6 21	1 15	14 4	0 16	21 44
22	16	18	0	6 21	1 16	14 6	0 16	21 46
25	16	18	0	6 21	1 17	14 8	0 17	21 52
28	16	18	0	6 20 59	1 17	14 11	0 17	21 56
31	16	18	0	6 20 57	1 18	14 14	0 18	22 0

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	16 39 16	8 48 52	21 8 47	27 12	1 N 13	11 8 18	5 0 38
2	F	16 43 12	9 49 45	21 57	9 0	2 13 6	9	5 3 36
3	S	16 47 9	10 50 38	22 5 20	55	3 7 0	44	5 33
4	S	16 51 5	11 51 32	22 14 3	2	3 54 4	N 46	5 30
5	M	16 55 2	12 52 27	22 22 15	25	4 30 10	14	5 28
6	Tu	16 58 58	13 53 23	22 29 28	9	4 55 15	24	5 25
7	W	17 2 55	14 54 19	22 36 11	15	5 5 20	3	5 22
8	Th	17 6 51	15 55 16	22 43 24	46	4 59 23	48	5 20
9	F	17 10 48	16 56 14	22 49 8	38	4 35 26	17	5 17
10	S	17 14 45	17 57 13	22 55 22	48	3 54 27	9	5 15
11	S	17 18 41	18 58 12	23 0 7	51	2 57 26	13	5 13
12	M	17 22 38	19 59 13	23 5 21	40	1 48 23	30	5 10
13	Tu	17 26 34	21 0 14	23 9 6	10	0 33 19	16	5 8
14	W	17 30 31	22 1 17	23 13 20	86	0 8 45	13	5 6
15	Th	17 34 27	23 2 20	23 17 4	54	1 59 7	52	5 3
16	F	17 38 24	24 3 24	23 20 19	3	3 5 1	30	5 1
17	S	17 42 20	25 4 29	23 22 8	0	3 59 4	8 51	4 53
18	S	17 46 17	26 5 36	23 24 16	46	4 39 10	54	4 57
19	M	17 50 14	27 6 42	23 26 0	21	5 2 16	19	4 54
20	Tu	17 54 10	28 7 50	23 27 13	44	5 9 20	52	4 52
21	W	17 58 7	29 8 58	23 27 26	55	4 58 24	19	4 48
22	Th	18 2 3	0 9 10	23 28 9	53	4 33 26	27	4 46
23	F	18 6 0	1 11 17	23 27 22	38	3 54 27	9	4 43
24	S	18 9 56	2 12 26	23 26 5	10	3 5 26	26	4 41
25	S	18 13 53	3 13 37	23 25 17	29	2 7 24	25	4 39
26	M	18 17 50	4 14 47	23 23 29	36	1 4 21	18	4 37
27	Tu	18 21 46	5 15 58	23 21 11	33	0 N 0	17 19	4 35
28	W	18 25 43	6 17 8	23 19 23	23	1 5 12	43	4 33
29	Th	18 29 39	7 18 18	23 15 5	10	2 6 7	40	4 31
30	F	18 33 35	8 19 29	23 12 16	58	3 2 2	21	4 29
31	S	18 37 32	9 20 39	23 8 28	51	3 51 3	N 4	4 25

DECEMBER XXXI DAYS.

D 1	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	1 N 6	7 S 43	0 S 49	24 S 10	1 S 51	25 S 17	14 ^m 25
4	1 6	8 25	0 55	24 22	1 15	24 42	14 16
7	1 5	9 6	1 1	24 27	0 28	23 56	14 6
0	1 4	9 47	1 7	24 26	0 N 29	22 57	13 56
3	1 3	10 28	1 12	24 17	1 27	21 50	13 47
6	1 3	11 7	1 17	24 2	2 18	20 45	13 37
9	1 2	11 46	1 22	23 40	2 53	19 56	13 28
2	1 1	12 25	1 26	23 12	3 0	19 38	13 18
5	1 0	13 2	1 30	22 37	2 54	19 35	13 8
8	1 0	13 39	1 33	21 57	2 40	19 58	12 59
1	0 59	14 15	1 36	21 10	2 16	20 32	12 49

	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	26 Ω	1 24 50	22 26	25 ♀	2 29 ♀	14			♂		Δ	*	*
2	26	2 24 R 36	23	3 26	17 29	42	☉ ☿ ♈	☐	☐				
3	26	2 24	32 23	41 27	32 0	w 2				Δ			
4	26	3 24	28 24	18 28	47 0	12	♂ ☐ ♈	*				☐	☐
5	26	3 24	23 24	56 0	w 2	0 14	♀ ☉ ♀	Δ					
6	26	4 24	19 25	33 1	17 0	R 4			Δ	☐	♂	Δ	Δ
7	26	4 24	15 26	11 2	32 29	f 43	♂ * ♈						
8	26	4 24	9 26	48 3	47 29	11			☐	*			
9	26 R	4 24	4 27	26 5	2 28	28		♂					
0	26	3 23	59 28	3 6	17 27	34	♀ * ♂	♂	*		Δ		♂
1	26	3 23	53 28	40 7	32 26	28	♀ Δ ♈						♂
2	26	2 23	48 29	18 8	47 25	14				♂			
3	26	2 23	42 29	55 10	2 23	56		*			☐		
4	26	1 23	36 0	m 33 11	18 22	35	☉ ☉ ♀	Δ	♂		*		Δ
5	26	0 23	30 1	10 12	33 21	12		☐			*		
6	25	59 23	24 1	47 13	48 19	51		☐	Δ	*		Δ	☐
7	25	57 23	18 2	25 15	3 18	35	♀ ∠ ♂		Δ				
8	25	55 23	11 3	2 16	18 17	26	☉ Δ ♈			☐		☐	*
9	25	54 23	4 3	39 17	33 16	26		*		*		♂	
0	25	53 22	58 4	17 18	48 15	34						*	
1	25	52 22	51 4	54 20	3 14	53				☐	Δ		
2	25	50 22	44 5	32 21	18 14	23			♂				♂
3	25	48 22	37 6	9 22	33 14	5	♀ ♂ ♈			Δ			
4	25	47 22	30 6	46 23	48 13	56		♂			*		
5	25	46 22	23 7	24 25	2 13	D 58					♂		
6	25	45 22	16 8	1 26	17 14	8			Δ				♂
7	25	43 22	8 8	38 27	32 14	25						☐	*
8	25	40 22	1 9	15 28	47 14	51				♂			
9	25	38 21	53 9	52 0	m 2 15	26		*	☐			Δ	
0	25	35 21	45 10	29 1	17 16	9					Δ		☐
1	25	33 21	38 11	6 2	32 16	50		*				*	

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
0	0	0	0	10	24	28	13	14	0	0	0	0	11	19	17	23	5
0	0	30	1	11	25	28	46	14	0	0	30	1	12	20	18	11	6
0	0	7	2	12	26	29	25	15	0	0	7	2	13	21	19	51	7
0	0	11	3	13	27	0	14	16	0	0	11	3	14	21	19	30	8
0	0	14	4	14	28	0	49	17	0	0	14	4	15	22	20	9	9
0	0	18	5	15	29	1	25	17	0	0	18	5	16	23	20	48	10
0	0	23	6	16	29	2	7	18	0	0	23	6	16	24	21	37	11
0	0	25	7	17	30	3	43	19	0	0	25	7	17	24	22	8	12
0	0	29	8	18	31	4	26	19	0	0	29	8	18	25	23	47	13
0	0	33	9	19	32	5	4	20	0	0	33	9	19	26	23	28	14
0	0	36	10	20	33	6	41	21	0	0	36	10	20	27	24	8	15
0	0	40	11	22	34	7	5	22	0	0	40	11	21	27	24	48	16
0	0	44	12	23	35	8	58	23	0	0	44	12	22	28	25	28	17
0	0	47	13	24	36	9	6	23	0	0	47	13	23	29	26	8	18
0	0	51	14	25	37	10	7	24	0	0	51	14	24	30	26	48	19
0	0	55	15	26	38	11	7	25	0	0	55	15	25	31	27	29	20
0	0	58	16	27	39	12	8	26	0	0	58	16	26	32	28	19	21
1	1	2	17	28	40	13	9	27	0	0	2	17	27	33	29	51	22
1	1	6	18	29	41	14	9	28	0	0	6	18	28	34	30	22	23
1	1	10	19	30	42	15	10	29	0	0	10	19	29	35	31	23	24
1	1	13	20	31	43	16	11	30	0	0	13	20	30	36	32	24	25
1	1	17	21	32	44	17	12	31	0	0	17	21	31	37	33	25	26
1	1	21	22	33	45	18	13	32	0	0	21	22	32	38	34	26	27
1	1	25	23	34	46	19	14	33	0	0	25	23	33	39	35	27	28
1	1	28	24	35	47	20	15	34	0	0	28	24	34	40	36	28	29
1	1	32	25	36	48	21	16	35	0	0	32	25	35	41	37	29	30
1	1	36	26	37	49	22	17	36	0	0	36	26	36	42	38	30	31
1	1	40	27	38	50	23	18	37	0	0	40	27	37	43	39	31	32
1	1	44	28	39	51	24	19	38	0	0	44	28	38	44	40	32	33
1	1	47	29	40	52	25	20	39	0	0	47	29	39	45	41	33	34
1	1	51	30	41	53	26	21	40	0	0	51	30	40	46	42	34	35
Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
3	51	15	0	9	13	7	54	28	3	51	15	0	0	7	0	0	28
3	55	25	1	10	13	8	37	29	3	55	25	1	1	8	0	45	29
3	59	35	2	11	14	9	30	30	3	59	35	2	2	9	1	20	30
4	3	45	3	12	15	10	3	1	4	3	45	3	3	10	2	15	31
4	8	0	4	13	16	11	47	1	5	8	0	4	11	10	3	0	32
4	12	15	5	14	16	12	30	2	6	12	15	5	11	11	4	45	33
4	16	30	6	15	17	13	13	3	7	16	30	6	12	12	5	30	34
4	20	40	7	16	18	14	56	4	8	20	40	7	13	13	6	15	35
4	24	55	8	16	19	15	40	5	9	24	55	8	14	14	7	0	36
4	29	10	9	17	20	16	24	6	10	29	10	9	15	15	8	44	37
4	33	25	10	18	20	17	8	7	11	33	25	10	16	16	9	28	38
4	37	43	11	19	21	18	53	8	12	37	43	11	17	17	10	14	39
4	41	59	12	20	22	19	36	9	13	41	59	12	18	18	11	0	40
4	46	16	13	21	23	20	17	10	14	46	16	13	19	19	12	48	41
4	50	34	14	22	24	21	4	11	15	50	34	14	20	20	13	27	42
4	54	52	15	23	25	22	49	12	16	54	52	15	21	21	14	11	43
4	59	10	16	24	26	23	33	13	17	59	10	16	22	22	15	0	44
5	3	29	17	25	26	24	17	14	18	3	29	17	23	23	16	49	45
5	7	49	18	26	27	25	1	15	19	7	49	18	24	24	17	24	46
5	12	9	19	27	28	26	46	16	20	12	9	19	25	25	18	8	47
5	16	29	20	27	28	27	31	17	21	16	29	20	26	26	19	53	48
5	20	49	21	28	29	28	16	18	22	20	49	21	27	27	20	38	49
5	25	9	22	29	30	29	4	19	23	25	9	22	28	28	21	29	50
5	29	30	23	30	31	30	45	20	24	29	30	23	29	29	22	4	51
5	33	51	24	31	32	31	25	21	25	33	51	24	30	30	23	17	52
5	38	12	25	32	33	32	15	22	26	38	12	25	31	31	24	28	53
5	43	34	26	33	34	33	27	23	27	43	34	26	32	32	25	15	54
5	48	55	27	34	35	34	7	24	28	48	55	27	33	33	26	27	55
5	51	17	28	35	36	35	28	25	29	51	17	28	34	34	27	28	56
5	55	38	29	36	37	36	15	26	30	55	38	29	35	35	28	17	57
6	0	0	30	37	38	37	0	27	31	0	0	30	36	36	29	0	58

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen △	2	3	Right Asc. of Meridian.			10	11	12	Ascen m	2	3	
H.	M.	S.	°	°	°	° / °	°	°	H.	M.	S.	°	°	°	° / °	°	°	
8	8	45	0	5	2	23, 4	18	21	10	8	23	0	2	25	13	28	11	20
8	12	54	1	6	3	22 48	19	22	10	12	12	1	3	26	13 46	12	21	
8	17	3	2	7	3	23 30	19	23	10	16	0	2	3	26	13 45	13	21	
8	21	11	3	8	4	24 13	20	24	10	19	48	3	4	27	14 25	14	23	
8	25	19	4	9	5	24 55	21	25	10	23	35	4	5	28	15 4	14	23	
8	29	26	5	10	6	25 37	22	26	10	27	23	5	6	29	15 43	15	24	
8	33	31	6	10	6	26 19	23	27	10	31	8	6	7	29	16 21	16	25	
8	37	37	7	11	7	27 1	23	28	10	34	54	7	8	m	17 0	17	26	
8	41	41	8	12	8	27 43	24	28	10	38	40	8	9	1	17 39	18	27	
8	45	45	9	13	9	28 24	25	29	10	42	25	9	10	2	18 17	19	28	
8	49	48	10	14	9	29 6	26	29	10	46	9	10	10	3	18 55	19	29	
8	53	51	11	15	10	29 47	26	1	10	49	53	11	11	3	19 34	20	30	
8	57	52	12	16	11	Om, 28	27	2	10	53	37	12	12	4	20 13	21	1	
9	1	53	13	17	12	1 9	28	3	10	57	20	13	13	4	20 51	22	2	
9	5	53	14	18	13	1 50	29	4	11	1	3	14	14	5	21 30	23	4	
9	9	53	15	18	13	2 31	29	5	11	4	46	15	15	6	22 8	24	5	
9	13	53	16	19	14	3 12	3	6	11	8	28	16	16	6	22 46	24	6	
9	17	50	17	20	15	3 52	1	7	11	12	10	17	17	7	23 24	25	7	
9	21	47	18	21	16	4 32	2	8	11	15	23	18	17	8	24 2	26	8	
9	25	44	19	22	17	5 12	3	9	11	19	34	19	18	9	24 40	27	9	
9	29	40	20	23	17	5 52	3	10	11	23	15	20	19	9	25 19	28	10	
9	33	35	21	24	18	6 32	4	11	11	26	56	21	20	10	25 59	29	11	
9	37	29	22	25	19	7 13	5	12	11	30	37	22	20	11	26 38	29	12	
9	41	23	23	26	20	7 53	6	13	11	34	18	23	21	11	27 15	29	13	
9	45	16	24	27	21	8 23	7	14	11	37	58	24	22	12	27 53	0	14	
9	49	9	25	28	21	9 12	8	15	11	41	39	25	23	13	28 32	-1	15	
9	53	1	26	28	22	9 51	8	16	11	45	19	26	24	13	29 11	2	16	
9	56	52	27	29	23	10 30	9	17	11	49	0	27	25	14	29 53	3	17	
10	0	48	28	30	24	11 9	10	18	11	53	40	28	25	15	0 25	4	18	
10	4	38	29	1	24	11 48	10	19	11	56	30	29	26	15	1 11	5	20	
10	8	28	30	2	25	12 28	11	20	12	0	0	30	27	16	1 47	6	21	

Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3	Right Asc. of Meridian.			10	11	12	Ascen ↑	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
12	0	0	0	27	16	1	47	6	12	51	37	0	21	8	23	4	7	27	
12	3	40	1	28	17	2	38	7	12	55	27	1	22	9	23	53	9	28	
12	7	20	2	29	18	3	11	8	12	59	17	2	23	9	24	43	10	7	
12	11	0	3	30	19	3	49	9	14	3	8	3	24	10	25	31	11	1	
12	14	41	4	0	19	4	28	10	14	6	59	4	25	11	26	31	12	3	
12	18	21	5	1	20	5	7	10	14	10	51	5	26	12	27	13	14	4	
12	22	2	6	2	20	5	47	11	14	14	44	6	26	13	28	5	16	6	
12	26	48	7	3	21	6	27	12	14	18	37	7	27	14	28	58	17	7	
12	29	23	8	3	22	7	6	12	14	22	31	8	28	15	30	51	19	8	
12	33	4	9	4	23	7	46	14	14	26	25	9	29	15	Om	45	20	9	
12	36	45	10	5	23	8	26	15	14	30	20	10	3	16	1	40	21	11	
12	40	26	11	6	24	9	7	16	14	34	16	11	1	16	2	36	23	12	
12	44	8	12	7	25	9	48	17	14	38	13	12	1	17	3	32	24	13	
12	47	50	13	7	25	10	29	18	14	42	10	13	2	18	4	30	26	15	
12	51	23	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	26	30	18
12	58	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	26	32	19
13	2	40	17	11	28	12	17	22	10	14	58	7	17	6	22	8	30	3	20
13	6	23	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
13	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	36	6	22
13	13	51	20	13	3	15	27	25	14	15	10	13	20	8	24	11	44	8	24
13	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	53	9	25
13	21	20	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0	11	27
13	25	6	23	15	3	17	39	28	18	15	22	23	23	11	27	15	10	13	29
13	29	53	24	16	3	18	25	29	19	15	26	29	24	12	28	16	21	15	30
13	33	38	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37	17	31
13	36	25	26	18	5	19	57	2	25	15	34	41	26	14	30	18	53	19	32
13	40	12	27	19	6	20	42	3	26	15	38	46	27	15	1	20	10	20	33
13	44	0	28	20	6	21	29	4	34	15	42	57	28	15	2	21	28	22	34
13	47	49	29	21	7	22	16	5	39	15	46	8	29	16	3	22	39	24	35
13	51	37	30	22	8	23	4	6	47	15	51	15	30	17	4	23	19	25	36

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
15	51	15	0	17	4	24	13	26	7	18	0	0	17	10	0	0	20
15	55	25	1	18	5	25	30	28	8	18	4	23	1	18	11	2	53
15	59	35	2	19	6	27	9	29	10	18	8	43	2	19	12	5	46
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	35
16	8	0	4	21	8	29	11	2	12	18	17	26	4	21	16	11	23
16	12	13	5	22	9	1	48	4	13	18	21	48	5	23	18	14	9
16	16	26	6	23	10	3	28	6	14	18	25	9	6	24	20	18	58
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24
16	37	42	11	28	15	12	31	17	21	18	47	51	11	29	28	29	53
16	41	59	12	29	16	14	30	19	22	18	52	11	12	1	30	30	19
16	46	16	13	30	17	16	31	21	24	18	56	31	13	2	31	4	46
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	2	6	58
16	54	52	15	2	20	20	40	25	26	19	5	8	15	4	4	8	11
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	6	11	21
17	3	20	17	4	22	25	20	28	28	19	13	44	17	7	8	13	26
17	7	40	18	5	23	27	41	5	29	19	18	1	18	8	10	15	30
17	12	9	19	6	25	0	7	3	30	19	23	18	19	9	12	17	29
17	16	20	20	7	26	2	36	3	3	19	28	34	20	10	14	19	24
17	20	40	21	8	27	5	9	5	3	19	30	50	21	12	16	21	16
17	25	9	22	9	29	7	44	7	4	19	35	5	22	13	18	23	5
17	29	30	23	10	30	10	23	8	5	19	39	20	23	14	20	24	51
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	22	26	32
17	38	13	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12
17	42	34	26	13	4	18	37	14	8	19	52	0	26	18	26	29	40
17	46	55	27	14	5	21	26	15	9	19	56	12	27	19	28	30	22
17	51	17	28	15	7	24	14	17	10	20	0	34	28	20	3	31	35
17	55	38	29	16	8	27	7	19	11	20	4	26	29	21	4	4	41
18	0	0	30	17	10	30	0	20	12	20	8	45	30	23	5	6	47

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
20	8	45	0	23	3	5	47	25	13	23	8	23	0	3	23	6	58
20	12	54	1	24	4	7	10	26	14	23	12	13	1	4	24	7	44
20	17	3	2	25	5	8	33	28	14	23	16	0	2	5	25	8	31
20	21	11	3	27	9	9	50	29	15	23	19	48	3	7	26	9	17
20	25	19	4	28	11	11	7	32	16	23	23	35	4	8	27	10	3
20	29	26	5	29	13	12	23	1	17	23	27	22	5	9	29	10	55
20	33	31	6	31	15	13	39	3	18	23	31	8	6	10	11	11	35
20	37	37	7	3	17	14	50	3	18	23	34	54	7	12	1	12	27
20	41	41	8	3	18	18	0	4	20	23	38	40	8	13	2	13	6
20	45	45	9	4	20	17	8	5	21	23	42	25	9	14	3	14	40
20	49	48	10	6	23	18	16	6	22	23	46	9	10	16	4	14	33
20	53	51	11	7	24	19	23	7	23	23	49	53	11	17	5	15	17
20	57	53	12	9	26	20	27	7	23	23	53	37	12	18	7	16	0
21	1	53	13	10	27	21	30	8	24	23	57	30	13	20	8	16	43
21	5	53	14	11	29	23	33	9	25	23	1	3	14	21	9	17	25
21	9	53	15	12	5	23	33	10	26	23	4	48	15	22	10	18	7
21	13	53	16	14	3	24	33	11	27	23	8	28	16	23	11	18	40
21	17	50	17	15	4	25	30	12	27	23	12	10	17	24	12	19	31
21	21	47	18	17	6	26	28	12	28	23	15	52	18	25	13	20	13
21	25	44	19	18	7	27	24	13	29	23	19	34	19	27	14	20	53
21	29	40	20	19	9	28	20	14	30	23	23	15	20	28	15	21	24
21	33	36	21	21	10	29	15	15	1	23	26	56	21	29	16	22	14
21	37	30	22	23	11	0	5	16	3	23	30	37	22	3	17	23	52
21	41	29	23	23	13	1	3	16	3	23	34	18	23	1	18	24	33
21	45	16	24	25	15	1	55	17	4	23	37	58	24	2	19	24	18
21	49	9	25	26	16	3	47	18	4	23	41	30	25	4	20	24	53
21	53	1	26	29	17	3	30	19	5	23	45	18	26	5	21	25	38
21	57	48	27	30	19	4	20	20	6	23	49	0	27	6	22	25	11
22	0	43	28	31	21	5	18	21	7	23	53	40	28	7	23	26	40
22	4	38	29	1	21	6	7	21	8	23	56	29	29	8	24	27	27
22	8	33	30	2	22	7	58	22	9	24	0	0	30	9	25	28	12

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OR, HANDY GUIDE TO DOMESTIC MEDICINE, can be had gratis of any Chemist, or sent free from Dr. ROOKE, Scarborough, England.

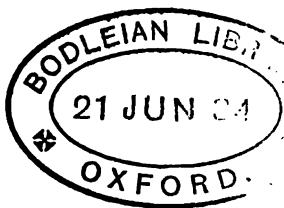
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RAPHAEL'S
ASTRONOMICAL EPHEMERIS
OF THE
PLANETS' PLACES

For 1860.

(REVISED AND CORRECTED.)



LONDON:
PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	18	0 S	5	20 N	57	1 N	18
4	16	18	0	5	20	56	1	18
7	16	18	0	5	20	55	1	19
10	16	18	0	5	20	54	1	19
13	16	18	0	5	20	53	1	20
16	16	18	0	5	20	53	1	20
19	16	17	0	5	20	52	1	21
22	16	17	0	5	20	52	1	21
25	16	17	0	5	20	51	1	22
28	16	17	0	5	20	51	1	22
31	16	16	0	5	20	50	1	23

D M	D W	Sidereal Time.		☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H.	M.	S.	°	'	°	'	°
1	S	18	41	29	10 W	21 49	23 S	3	10 55
2	M	18	45	25	11	22 59	22	58	23 16
3	Tu	18	49	22	12	24 8	22	53	5 58
4	W	18	53	19	13	25 17	22	48	19 1
5	Th	18	57	15	14	26 25	22	41	2 33
6	F	19	1	12	15	27 35	22	35	16 31
7	S	19	5	8	16	28 42	22	27	0 52
8	S	19	9	5	17	29 50	22	19	15 33
9	M	19	13	5	18	30 57	22	11	0 26
10	Tu	19	16	58	19	32 5	22	2	15 23
11	W	19	20	54	20	33 12	21	53	0 16
12	Th	19	24	51	21	34 19	21	44	14 57
13	F	19	28	48	22	35 26	21	34	29 23
14	S	19	32	44	23	36 32	21	24	13 30
15	S	19	36	41	24	37 39	21	13	27 17
16	M	19	40	37	25	38 45	21	2	10 44
17	Tu	19	44	34	26	39 51	20	50	23 53
18	W	19	48	30	27	40 56	20	39	6 46
19	Th	19	52	27	28	42 1	20	26	19 24
20	F	19	56	23	29	43 6	20	14	1 49
21	S	20	0	20	0	44 10	20	1	14 3
22	S	20	4	17	1	45 14	19	47	26 9
23	M	20	8	13	2	46 16	19	33	8 6
24	Tu	20	12	10	3	47 18	19	19	19 58
25	W	20	16	6	4	48 19	19	5	1 46
26	Th	20	20	3	5	49 19	18	50	13 33
27	F	20	23	59	6	50 18	18	35	25 22
28	S	20	27	56	7	51 16	18	19	7 17
29	S	20	31	52	8	52 12	18	3	19 21
30	M	20	35	49	9	53 8	17	47	1 38
31	Tu	20	39	46	10	54 2	17	31	14 13

1860.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

3

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 57	14 S 27	1 S 36	20 S 53	2 N 8	20 S 45	12 ^m 46
4	0 55	15 1	1 38	19 59	1 42	21 25	12 36
7	0 54	15 35	1 39	19 0	1 16	22 3	12 27
10	0 53	16 8	1 40	17 57	0 49	22 37	12 17
13	0 52	16 40	1 40	16 48	0 23	23 3	12 8
16	0 51	17 10	1 39	15 36	0 8 1	23 21	11 58
19	0 50	17 40	1 38	14 20	0 25	23 30	11 49
22	0 49	18 9	1 35	13 0	0 46	23 28	11 39
25	0 48	18 36	1 32	11 37	1 5	23 14	11 30
28	0 46	19 3	1 28	10 12	1 22	22 49	11 20
31	0 44	19 28	1 23	8 44	1 37	22 12	11 11

D M	h	♄	♂	♀	♊	Mutual	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	25 Ω 30	21 ♄ 31	11 ♀ 43	3 ^m 47	17 ♄ 39		☐					
2	25 ♄ 27	21 ♄ 23	12 20	5 18	33	♀ Δ ♄	☐		Δ	☐		Δ
3	25 24 21	15 12	57 6	16 19	30							
4	25 21 21	7 13	34 7	31 20	31	☉ * ♂	Δ		☐	*	♂	
5	25 18 20	59 14	11 8	46 21	35		♈					
6	25 15 20	51 14	48 10	1 22	41						Δ	♂
7	25 12 20	43 15	25 11	16 23	50				*			
8	25 9 20	35 16	2 12	30 25	1	♊ Δ ♈	♂			♈	Δ	
9	25 6 20	27 16	39 13	45 26	15	☉ P ♄		*				
10	25 2 20	19 17	16 14	59 27	31						☐	♂
11	24 59 20	11 17	53 16	14 28	47	☉ ♂ ♄		☐	♈			Δ
12	24 56 20	3 18	30 17	29 0 ^m 4			Δ		♈	*	*	
13	24 52 19	55 19	7 18	43 1	23			Δ				☐
14	24 48 19	47 19	44 19	58 2	44	♀ ☐ ♂				☐		
15	24 44 19	39 20	20 21	12 4	6		☐		*		Δ	
16	24 40 19	31 20	57 22	27 5	28							*
17	24 36 19	23 21	34 23	41 6	52	♊ ∠ ♂	*		☐	Δ	♈	☐
18	24 32 19	15 22	11 24	56 8	16	♀ ♂ ♈		♂				
19	24 28 19	7 22	48 26	10 9	42	♀ ☐ ♈			Δ			
20	24 24 18	59 23	24 27	24 11	8	♄ ∠ ♄						*
21	24 20 18	51 24	1 28	38 12	35					♈		♈
22	24 15 18	44 24	38 29	52 14	3	♂ ☐ ♈	♈				*	
23	24 11 18	36 25	14 1	6 15	31			Δ				
24	24 7 18	28 25	51 2	20 17	0	☉ Δ ♄			♈		☐	
25	24 2 18	21 26	27 3	35 18	30	♊ ♂ ♄		☐			♈	
26	23 58 18	13 27	4 4	49 20	1					Δ		
27	23 53 18	6 27	40 6	3 21	32						Δ	*
28	23 49 17	59 28	16 7	17 23	4		*	*				
29	23 44 17	52 28	52 8	31 24	37			Δ	☐			☐
30	23 40 17	45 29	29 9	45 26	10							
31	23 35 17	38 0 ^f 5	11 0 27	44			☐		*		*	

FEBRUARY XXIX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	16 16	08 5	20 N50	1 N23	15 N 0	0 N22	22 N40
4	16 15	0 5	20 50	1 23	15 5	0 22	22 43
7	16 15	0 5	20 50	1 24	15 10	0 22	22 45
10	16 14	0 5	20 50	1 24	15 15	0 23	22 48
13	16 14	0 5	20 50	1 24	15 20	0 23	22 50
16	16 13	0 5	20 50	1 24	15 25	0 23	22 52
19	16 12	0 5	20 50	1 25	15 30	0 24	22 54
22	16 12	0 5	20 51	1 25	15 35	0 24	22 55
25	16 11	0 5	20 51	1 25	15 40	0 24	22 56
28	16 10	0 5	20 52	1 25	15 44	0 24	22 57

D M	D W	Sidereal Time.	☉ Long.		☉ Declin		☾ Long.		☾ Lat.		☾ Declin		♂ Long.
		H. M. S.	° ' "		° ' "		° ' "		° ' "		° ' "		° ' "
1	W	20 43 42	11 ^m 54	54	17 8	14	27 8	11	5 N	5 24	N 30	3 48	
2	Th	20 47 39	12 55	45	16 57	10	34	4	37	26	37	3 48	
3	F	20 51 35	13 56	35	16 39	24	24	3	51	27	12	3 47	
4	S	20 55 32	14 57	23	16 22	8	41	2	51	26	1	3 47	
5	S	20 59 28	15 58	10	16 4	23	23	1	37	23	2	3 47	
6	M	21 3 25	16 58	56	15 46	8	23	0	15	18	26	3 46	
7	Tu	21 7 21	17 59	40	15 27	23	34	18	8	12	36	3 46	
8	W	21 11 18	19 0	23	15 8	8	47	2	27	6	0	3 46	
9	Th	21 15 15	20 1	5	14 49	23	51	3	35	0	51	3 46	
10	F	21 19 11	21 1	46	14 30	8	38	4	27	7	32	3 46	
11	S	21 23 8	22 2	25	14 10	23	9	5	1	13	38	3 46	
12	S	21 27 4	23 3	4	13 51	7	2	5	16	18	51	3 46	
13	M	21 31 1	24 3	41	13 31	20	34	5	12	22	56	3 46	
14	Tu	21 34 57	25 4	17	13 11	3	42	4	52	25	42	3 46	
15	W	21 38 54	26 4	51	12 50	16	27	4	19	27	4	3 47	
16	Th	21 42 50	27 5	25	12 29	28	55	3	33	27	1	3 47	
17	F	21 46 47	28 5	57	12 9	11	47	2	38	25	38	3 47	
18	S	21 50 44	29 6	28	11 48	23	9	1	38	23	5	3 48	
19	S	21 54 40	0 ^m 6	58	11 26	5	4	0	33	19	34	3 48	
20	M	21 58 37	1 7	26	11 5	16	54	0	N 31	15	17	3 48	
21	Tu	22 2 33	2 7	52	10 43	28	42	1	35	10	27	3 49	
22	W	22 6 30	3 8	17	10 22	10	30	2	34	5	15	3 49	
23	Th	22 10 26	4 8	40	10 0	22	20	3	27	0	N 8	3 50	
24	F	22 14 23	5 9	1	9 38	4	14	4	12	5	32	3 50	
25	S	22 18 19	6 9	20	9 16	16	14	4	45	10	47	3 51	
26	S	22 22 16	7 9	38	8 53	28	23	5	6	15	40	3 52	
27	M	22 26 13	8 9	53	8 31	10	43	5	13	20	1	3 53	
28	Tu	22 30 9	9 10	7	8 8	23	18	5	6	23	33	3 54	
29	W	22 34 6	10 10	18	7 46	6	11	4	43	26	1	3 55	

FEBRUARY XXIX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 43	19 S 36	1 S 21	8 S 14	1 S 40	21 S 56	11 = 8
4	0 42	20 0	1 16	6 44	1 53	21 2	10 59
7	0 40	20 22	1 10	5 12	2 0	19 55	10 49
10	0 38	20 43	1 4	3 39	2 4	18 36	10 40
13	0 35	21 3	0 58	2 6	2 6	17 3	10 30
16	0 33	21 22	0 50	0 31	2 7	15 17	10 21
19	0 30	21 40	0 41	1 N 3	1 57	13 18	10 11
22	0 28	21 56	0 32	2 38	1 44	11 6	10 1
25	0 25	22 11	0 23	4 12	1 28	8 43	9 52
28	0 23	22 24	0 14	5 45	1 11	6 10	9 42

D M	h	♄	♂	♀	♂	Mutual	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	23 Ω 30	17 ♄ 31	0 ♀ 41	12 × 14	29 ♄ 19			♂	□		♂	Δ
2	23 ♄ 26	17 ♄ 24	1 17 13	28 0 = 54	♀ * ♂	Δ		*			□	
3	23 21 17	17 17	1 53 14	41 2 30					*			
4	23 16 17	11 11	2 29 15	55 4 8	♂ Δ ♄	♄						
5	23 12 17	5 3	3 51 17	8 5 46	♀ Δ ♄	♄				♂		Δ
6	23 7 16	59 3	4 11 18	22 7 24	♂ ♂ ♄	♄		*			Δ	♂
7	23 2 16	53 4	4 17 19	36 9 3			♂		♂			♂
8	22 57 16	47 4	5 3 20	50 10 44				□			□	
9	22 53 16	41 5	5 29 22	3 12 25						*	♂	
10	22 48 16	36 6	5 23 17	14 6			Δ			*		Δ
11	22 43 16	30 6	4 12 24	30 15 48			Δ		*	□		
12	22 38 16	25 7	7 17 25	43 17 32	☉ ♂ ♄	♄						
13	22 33 16	20 7	5 22 26	56 19 17			□			□	Δ	□
14	22 29 16	15 8	28 28	9 21 2				♂			♂	Δ
15	22 24 16	10 9	4 29 22	22 48	♂ ♂ ♄	♄			Δ			
16	22 19 16	6 9	4 0 36	24 34			*					□ *
17	22 14 16	1 10	15 1 49	26 22						♂		
18	22 9 15	57 10	51 3 28	11								
19	22 4 15	53 11	26 4 15	0 * 0	♂ ♂ ☉		Δ				*	
20	22 0 15	49 12	1 5 28	1 50	☉ ☉ ♄	♄			♂		*	
21	21 55 15	45 12	36 6 40	3 42	♂ ☉ ♄	♄	♂	□				♂
22	21 50 15	42 13	11 7 53	5 34	♀ ☉ ♄	♄				Δ	□	
23	21 45 15	39 13	46 9 5	7 27	☉ ☉ ♄	♄						
24	21 40 15	36 14	22 10 18	9 20			*					
25	21 35 15	33 14	57 11 30	11 14				Δ	□	Δ	♂	
26	21 31 15	30 15	32 12 43	13 8								
27	21 26 15	28 16	7 13 55	15 2	♂ Δ ♄	*				*		*
28	21 22 15	25 16	42 15 7	16 57	♂ ☉ ♂		□	♂				
29	21 17 15	23 17	17 16 19	18 52			□					

MARCH XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08	5	1 N26	15 N47	0 N24	22 N58
4	16	8	0	5	1 26	15 51	0 24	22 59
7	16	8	0	5	1 26	15 56	0 24	22 59
10	16	7	0	5	1 26	15 59	0 24	23 0
13	16	6	0	5	1 26	16 3	0 25	23 0
16	16	5	0	5	1 26	16 6	0 25	22 59
19	16	4	0	5	1 26	16 10	0 25	22 59
22	16	4	0	5	1 26	16 12	0 25	22 59
25	16	3	0	5	1 26	16 15	0 25	22 58
28	16	2	0	5	1 26	16 17	0 25	22 57
31	16	1	0	5	1 26	16 19	0 25	22 56

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	22 38 2	11 10 27	7 8 23	19 11 25	4 N 5	27 N 7	3 11 56
2	F	22 41 59	12 10 34	7 0 35	2 3 12	26 38	3 57	
3	S	22 45 55	13 10 39	6 37 17	5 2 6	24 27	3 58	
4	S	22 49 52	14 10 42	6 14 1	12 33	0 50	20 39	3 59
5	M	22 53 48	15 10 43	5 51 16	24 0 8	31 15	27 4 0	
6	Tu	22 57 45	16 10 42	5 27 1	30 30	1 51	9 13	4 2
7	W	23 1 42	17 10 38	5 4 16	45 3 4	2 25	4 3	
8	Th	23 5 38	18 10 33	4 41 1	57 4 3	4 S 30	4 4	
9	F	23 9 35	19 10 26	4 17 16	57 4 45	11 3	4 6	
10	S	23 13 31	20 10 18	3 54 1	36 5 7	16 50	4 7	
11	S	23 17 28	21 10 7	3 30 15	48 5 9	21 30	4 9	
12	M	23 21 24	22 9 55	3 7 29	31 4 53	24 50	4 10	
13	Tu	23 25 21	23 9 41	2 43 12	45 4 22	26 41	4 12	
14	W	23 29 17	24 9 25	2 19 25	33 3 39	27 2	4 14	
15	Th	23 33 14	25 9 8	1 56 7	59 2 46	25 59	4 15	
16	F	23 37 11	26 8 49	1 32 20	7 1 47	23 43	4 17	
17	S	23 41 7	27 8 28	1 8 2	4 0 44	20 26	4 18	
18	S	23 45 4	28 8 5	0 45 13	54 0 N 20	16 22	4 20	
19	M	23 49 0	29 7 41	0 21 25	40 1 22	11 41	4 22	
20	Tu	23 52 57	0 7 14	0 N 3	7 27	2 21	6 36	4 24
21	W	23 56 53	1 6 46	0 27 19	17 3 14	1 16	4 26	
22	Th	0 0 50	2 6 16	0 50 1	13 3 59	4 N 8	4 28	
23	F	0 4 46	3 5 43	1 14 13	16 4 34	9 26	4 30	
24	S	0 8 43	4 5 9	1 38 25	27 4 56	14 26	4 33	
25	S	0 12 40	5 4 32	2 1 7	48 5 5	18 55	4 35	
26	M	0 16 36	6 3 53	2 25 20	19 5 0	22 39	4 37	
27	Tu	0 20 33	7 3 12	2 48 3	2 4 39	25 21	4 39	
28	W	0 24 29	8 2 29	3 12 15	59 4 5	26 47	4 41	
29	Th	0 28 26	9 1 43	3 35 29	12 3 16	26 44	4 43	
30	F	0 32 22	10 0 55	3 58 12	43 2 16	25 6	4 46	
31	S	0 36 19	11 0 4	4 21 26	34 1 6	21 57	4 48	

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.				Saturn.				Jupiter.			
			Lat.		Declin.		Lat.		Declin.		Lat.		Declin.	
	'	"	°	'	°	'	°	'	°	'	°	'	°	'
1	16	2	0 S	5	21 N	2	1 N	25	16 N	20	0 N	25	22 N	55
4	16	1	0	5	21	4	1	25	16	21	0	25	22	54
7	16	0	0	5	21	5	1	25	16	23	0	26	22	52
10	15	59	0	5	21	7	1	25	16	24	0	26	22	50
13	15	58	0	5	21	8	1	25	16	24	0	26	22	48
16	15	58	0	4	21	10	1	25	16	25	0	26	22	46
19	15	57	0	4	21	12	1	24	16	25	0	26	22	44
22	15	56	0	4	21	13	1	24	16	25	0	26	22	41
25	15	55	0	4	21	15	1	24	16	24	0	26	22	38
28	15	55	0	4	21	17	1	24	16	23	0	26	22	35

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	0 40 15	11 59 12	4 N 45	10 52 46	0 S 9	17 N 24	4 51
2	M	0 44 12	12 58 17	5 8 25	17 1	25 11	46 4	53
3	Tu	0 48 9	13 57 19	5 31 10	5 2	37 5	22 4	50
4	W	0 52 5	14 56 20	5 53 25	4 3	39 18	24 4	58
5	Th	0 56 2	15 55 18	6 16 10	6 4	26 8	5 5	0
6	F	0 59 58	16 54 14	6 39 25	1 4	54 14	15 5	3
7	S	1 3 55	17 53 9	7 1 9	39 5	3 19	30 5	6
8	S	1 7 51	18 52 1	7 24 23	55 4	52 23	28 5	8
9	M	1 11 48	19 50 51	7 46 7	44 4	24 25	57 5	11
10	Tu	1 15 44	20 49 40	8 1 21	3 3	42 26	51 5	14
11	W	1 19 41	21 48 27	8 30 3	56 2	50 26	14 5	16
12	Th	1 23 37	22 47 12	8 52 16	25 1	52 24	18 5	19
13	F	1 27 34	23 45 56	9 14 28	36 0	50 21	16 5	22
14	S	1 31 31	24 44 38	9 36 10	33 0	N 14	17 23	25
15	S	1 35 27	25 43 18	9 57 22	23 1	16 12	52 5	28
16	M	1 39 24	26 41 56	10 18 4	10 2	14 7	54 5	31
17	Tu	1 43 20	27 40 33	10 39 15	58 3	7 2	40 5	34
18	W	1 47 17	28 39 8	11 0 27	53 3	52 2	N 42 5	37
19	Th	1 51 13	29 37 41	11 21 9	56 4	27 8	1 5	40
20	F	1 55 10	0 36 12	11 42 22	9 4	50 13	7 5	43
21	S	1 59 6	1 34 42	12 2 48	35 5	0 17	45 5	46
22	S	2 3 3	2 33 10	12 22 17	12 4	55 21	42 5	49
23	M	2 7 0	3 31 36	12 42 0	0 4	36 24	39 5	52
24	Tu	2 10 56	4 29 59	13 2 13	1 4	26 23	5 5	55
25	W	2 14 53	5 28 21	13 21 26	12 3	15 26	39 5	58
26	Th	2 18 49	6 26 40	13 41 9	35 2	16 25	22 6	1
27	F	2 22 46	7 24 58	14 0 23	11 1	9 22	36 6	4
28	S	2 26 42	8 23 13	14 19 6	59 0	S 4	18 29	7
29	S	2 30 39	9 21 26	14 37 21	1 1	17 13	17 6	10
30	M	2 34 35	10 19 38	14 56 5	17 2	27 7	18 6	14

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	°	'	°	'	°	'	°
1	0 S 18	23 S 39	1 N 47	20 N 28	2 N 55	8 N 25	7 ^m 57
4	0 23	23 40	1 57	21 27	2 21	6 57	7 48
7	0 28	23 40	2 7	22 22	1 36	5 23	7 38
10	0 33	23 40	2 17	23 12	0 48	3 54	7 29
13	0 39	23 38	2 27	23 57	0 S 2	2 42	7 19
16	0 45	23 37	2 36	24 36	0 50	1 51	7 10
19	0 51	23 34	2 44	25 10	1 26	1 23	7 0
22	0 58	23 32	2 51	25 39	2 2	1 18	6 51
25	1 5	23 29	2 57	26 2	2 25	1 35	6 41
28	1 12	23 26	3 2	26 20	2 46	2 11	6 32

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	°	'	°	'	°	'							
1	19 Ω 29	15 ♄ 56	4 ♀ 59	23 ♂ 52	14 ♀ 30		Δ *						Δ
2	19 ♀ 27	16 0	5 30	25 0	13 ♀ 44	♀ ♂ ☉		♈				□	
3	19 25 16	4 6	1 26	8 12	57		□		*	Δ		Δ	
4	19 24 16	8 6	32 27	16 12	8							Δ	
5	19 23 16	13 7	3 28	24 11	21	☉ □ ♄	♈ Δ		□	□			♌
6	19 21 16	18 7	34 29	32 10	36			*					
7	19 19 16	23 8	4 0	11 39	9 52				*	Δ	*		
8	19 18 16	28 8	35 1	46 9	11	☉ Δ ♈		□					
9	19 17 16	33 9	5 2	53 8	34	♀ □ ♂	♌					♌	Δ
10	19 16 16	38 9	35 4	0 8	1		Δ		Δ				
11	19 15 16	44 10	5 5	6 7	33	♀ ♂ ♈							□
12	19 14 16	50 10	35 6	13 7	10					♌	♈		
13	19 13 16	56 11	4 7	19 6	52	♀ * ♌	□						
14	19 12 17	2 11	33 8	25 6	38			Δ				Δ	*
15	19 11 17	8 12	2 9	30 6	31		*		♌				
16	19 11 17	14 12	31 10	36 6	28			□					
17	19 10 17	20 12	59 11	41 6	D 31					Δ	*	□	
18	19 10 17	27 13	28 12	46 6	37				*				
19	19 9 17	34 13	56 13	51 6	49			*			□	*	♈
20	19 9 17	41 14	24 14	56 7	6				Δ	□			
21	19 D 9 17	48 14	51 16	0 7	27		♈						
22	19 10 17	55 15	19 17	4 7	53					□	*	Δ	
23	19 10 18	2 15	46 18	8 8	24				♈				
24	19 11 18	10 16	13 19	12 8	58	♀ * ♈			*				*
25	19 12 18	17 16	39 20	15 9	36							♈	
26	19 12 18	25 17	6 21	18 10	18		*						□
27	19 13 18	33 17	32 22	21 11	4					♈	♌		
28	19 14 18	41 17	58 23	24 11	53			□	*				Δ
29	19 15 18	49 18	23 24	26 12	45				♈			*	
30	19 16 18	57 18	49 25	28 13	41		Δ	□					

MAY XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 52	0 S 4	21 N 18	1 N 24	16 N 22	0 N 26	22 N 32
4	15 52	0 4	21 19	1 24	16 20	0 26	22 33
7	15 51	0 4	21 22	1 24	16 19	0 26	22 34
10	15 51	0 4	21 23	1 23	16 17	0 26	22 35
13	15 50	0 4	21 25	1 23	16 14	0 27	22 36
16	15 49	0 4	21 27	1 22	16 12	0 27	22 37
19	15 49	0 4	21 29	1 22	16 9	0 27	22 38
22	15 48	0 4	21 30	1 22	16 6	0 27	22 39
25	15 48	0 4	21 32	1 22	16 2	0 27	21 56
28	15 47	0 4	21 34	1 22	15 58	0 27	21 51
31	15 47	0 4	21 36	1 21	15 55	0 27	21 46

D M	D W	Sidereal Time.	☉		♄		♅		♃
			Long.	Declin	Long.	Lat.	Declin	Long.	
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	Tu	2 38 32	11 8 17 47	15 N 14	19 m 44	3 S 28	0 N 52	6 n 17	
2	W	2 42 29	12 15 54 15	32	4 20	4 16	5 S 39	6 20	
3	Th	2 46 25	13 14 0 15	49	18 59	4 48	11 52	6 24	
4	F	2 50 22	14 12 3 16	7	3 m 33	5	0 17 25	6 27	
5	S	2 54 18	15 10 5 16	24	17 56	4 54	21 53	6 30	
6	S	2 58 15	16 8 6 16	41	2 7 0	4 29	24 59	6 34	
7	M	3 2 11	17 6 4 16	57	15 43	3 50	26 30	6 37	
8	Tu	3 6 8	18 4 2 17	14	29 0	2 58	26 26	6 41	
9	W	3 10 4	19 1 58 17	30	11 w 54	1 59	24 54	6 44	
10	Th	3 14 1	19 59 52 17	45	24 25	0 56	22 10	6 47	
11	F	3 18 58	20 57 46 18	1	6 m 37	0 N 9	18 30	6 51	
12	S	3 21 54	21 55 38 18	16	18 37	1 12	14 7	6 54	
13	S	3 25 51	22 53 28 18	31	0 m 29	2 11	9 16	6 58	
14	M	3 29 47	23 51 18 18	45	12 18	3 5	4 7	7 1	
15	Tu	3 33 44	24 49 7 18	59	24 9	3 50	1 N 12	7 5	
16	W	3 37 40	25 46 54 19	13	6 7 8	4 26	6 30	7 8	
17	Th	3 41 37	26 44 40 19	27	18 17	4 51	11 39	7 12	
18	F	3 45 33	27 42 25 19	40	0 8 41	5	2 16 26	7 15	
19	S	3 49 30	28 40 9 19	53	13 19	4 59	20 36	7 19	
20	S	3 53 27	29 37 51 20	5	26 13	4 41	23 52	7 22	
21	M	3 57 23	0 n 35 32 20	18	9 n 22	4	8 25 57	7 26	
22	Tu	4 1 20	1 33 12 20	29	22 44	3	20 26 35	7 29	
23	W	4 5 16	2 30 51 20	41	6 m 18	2	21 25 39	7 33	
24	Th	4 9 13	3 28 28 20	52	20 1	1 12	23 9	7 36	
25	F	4 13 9	4 26 8 21	3	3 5 58	0 S 1	19 17	7 40	
26	S	4 17 6	5 23 38 21	13	17 51	1 15	14 18	7 43	
27	S	4 21 3	6 21 10 21	23	1 m 55	2 25	8 32	7 47	
28	M	4 24 59	7 18 42 21	33	16 5	3 27	2 19	7 50	
29	Tu	4 28 56	8 16 12 21	42	0 2 18	4 16	4 S 2	7 54	
30	W	4 32 52	9 13 40 21	51	14 33	4 50	10 11	7 57	
31	Th	4 36 49	10 11 8 22	0	28 46	5 5	15 48	8 1	

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	18 19	23 S 23	3 N 8	26 N 32	2 S 57	3 N 4	6 m 22
4	1 28	23 20	3 11	26 38	3 2	4 12	6 12
7	1 37	23 18	3 13	26 39	3 3	5 34	6 3
10	1 46	23 16	3 14	26 35	2 57	7 6	5 53
13	1 55	23 14	3 15	26 26	2 46	8 49	5 44
16	2 4	23 13	3 13	26 13	2 31	10 39	5 34
19	2 13	23 12	3 10	25 54	2 11	12 35	5 25
22	2 24	23 13	3 6	25 32	1 48	14 36	5 15
25	2 35	23 14	3 0	25 6	1 18	16 37	5 6
28	2 47	23 17	2 52	24 36	0 48	18 35	4 56
31	2 59	23 21	2 41	24 3	0 17	20 27	4 47

D M	h Long.	♄ Long.	♅ Long.	♀ Long.	♁ Long.	Mutual Aspts.	Lunar Aspects.						
	° /	° /	° /	° /	° /		☉	☿	♈	♉	♊	♋	♌
1	19 17	19 5	19 14	26 29	14 40	♂ ♂ ♄				*	Δ	□	
2	19 18	19 14	19 39	27 30	15 41			Δ					
3	19 19	19 22	20 3	28 30	16 46	♄ ♄ ♄			*	□	□		♂
4	19 21	19 31	20 27	29 31	17 53							Δ	
5	19 22	19 40	20 50	0 31	19 8	♂ Δ ♄	♂		□	Δ	*		
6	19 24	19 49	21 14	1 30	20 15		♂						
7	19 26	19 58	21 37	2 29	21 30	♂ □ ♂		Δ					Δ
8	19 28	20 7	22 0	3 28	22 47							♂	
9	19 30	20 16	22 22	4 26	24 7	☉ □ ♄							
10	19 32	20 25	22 44	5 24	25 29		Δ			♂	♂		□
11	19 34	20 35	23 5	6 21	26 53	☉ * ♄		Δ					
12	19 36	20 45	23 26	7 18	28 19		□		♂				
13	19 39	20 54	23 47	8 14	29 49								*
14	19 41	21 4	24 8	9 10	1 30		□					Δ	
15	19 44	21 14	24 28	10 6	2 53	☉ Δ ♂ *				Δ	*		
16	19 46	21 24	24 47	11 1	4 29			*				□	
17	19 49	21 34	25 6	11 55	6 7				Δ	□			
18	19 52	21 44	25 12	12 49	7 47						□		
19	19 55	21 54	25 43	13 42	9 29							*	♂
20	19 58	22 5	26 14	14 35	11 13		♂		□	*	Δ		
21	20 1	22 15	26 17	15 27	13 0			♂					
22	20 4	22 26	34 16	18 14	48				*				
23	20 8	22 36	50 17	9 16	39								
24	20 11	22 47	6 17	59 18	32						♂	♂	*
25	20 15	22 58	21 18	48 20	27	♂ □ ♄	*	*			♂		
26	20 18	23 9	35 19	36 23	24	♂ * ♄			♂				□
27	20 22	23 20	49 20	23 24	23	♂ ♄ ♄	□	□					
28	20 26	23 31	3 21	10 26	24	☉ ♄ ♄						*	
29	20 30	23 42	16 21	56 28	27	☉ ♂ ♄				*	Δ		Δ
30	20 34	23 53	28 23	41 0	32	☉ ♄ ♄	Δ	Δ	*			□	□
31	20 38	24 4	40 23	25 2	38							□	□

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 S 4	21 N 36	1 N 21	15 N 53	0 N 27	21 N 43
4	15	48	0 4	21 38	1 21	15 49	0 27	21 37
7	15	47	0 4	21 40	1 21	15 44	0 27	21 31
10	15	47	0 4	21 41	1 21	15 40	0 28	21 25
13	15	47	0 4	21 43	1 21	15 35	0 28	21 19
16	15	46	0 4	21 45	1 21	15 29	0 29	21 11
19	15	46	0 4	21 46	1 21	15 24	0 29	21 4
22	15	46	0 4	21 48	1 21	15 19	0 29	20 57
25	15	46	0 4	21 49	1 21	15 13	0 29	20 49
28	15	46	0 4	21 51	1 21	15 7	0 30	20 41

D M	D W	Sidereal Time.	☉ Long.		☽ Declin		♂ Long.		♀ Lat.		♂ Declin		♂ Long.	
		H. M. S.	°	'	°	'	°	'	°	'	°	'	°	'
1	F	4 40 45	11	11	8 34	22	N 7	12 54	5 S	2 20	S 31	8	11	4
2	S	4 44 42	12	5	59 22	16	26 51	4	41 24	1		8	8	8
3	S	4 48 38	13	8	24 22	23	10 34	4	4 26	4		8	11	11
4	M	4 52 35	14	0	47 22	30	23 59	3	14 26	33		8	15	15
5	Tu	4 56 32	14	58	9 22	37	7 4	2	14 25	30		8	19	19
6	W	5 0 28	15	55	31 22	43	19 50	1	10 23	8		8	23	23
7	Th	5 4 25	16	52	52 22	49	2 18	0	3 19	43		8	26	26
8	F	5 8 21	17	50	12 22	54	14 29	1	N 3 15	30		8	29	29
9	S	5 12 18	18	47	32 22	59	26 30	2	5 10	44		8	33	33
10	S	5 16 14	19	44	51 23	4	8 22	3	1 5	39		8	36	36
11	M	5 20 11	20	42	10 23	8	20 13	3	49 0	22		8	40	40
12	Tu	5 24 7	21	39	29 23	12	2 6	4	27 4	N 55		8	43	43
13	W	5 28 4	22	36	47 23	15	14 7	4	54 10	5		8	47	47
14	Th	5 32 1	23	34	5 23	18	26 21	5	8 14	58		8	50	50
15	F	5 35 57	24	31	23 23	21	8 49	5	9 19	19		8	54	54
16	S	5 39 54	25	28	40 23	23	21 37	4	54 22	54		8	57	57
17	S	5 43 50	26	25	57 23	25	4 44	4	23 25	24		9	1	1
18	M	5 47 47	27	23	13 23	27	18 10	3	37 26	32		9	4	4
19	Tu	5 51 43	28	20	29 23	27	1 53	2	38 26	5		9	8	8
20	W	5 55 40	29	17	45 23	27	15 51	1	29 23	59		9	11	11
21	Th	5 59 36	0	15	0 23	27	0 0	0	12 20	22		9	15	15
22	F	6 3 33	1	12	15 23	27	14 16	1	S 5 15	31		9	18	18
23	S	6 7 30	2	9	29 23	26	28 34	2	19 9	48		9	22	22
24	S	6 11 26	3	6	42 23	25	12 52	3	24 3	35		9	25	25
25	M	6 15 23	4	3	55 23	24	27 7	4	17 2	S 47		9	28	28
26	Tu	6 19 19	5	1	8 23	22	11 17	4	53 8	57		9	33	33
27	W	6 23 16	5	58	20 23	19	25 20	5	11 14	38		9	35	35
28	Th	6 27 12	6	55	31 23	16	9 13	5	11 19	29		9	38	38
29	F	6 31 9	7	52	43 23	13	22 56	4	53 23	15		9	41	41
30	S	6 35 5	8	49	54 23	10	6 27	4	20 25	40		9	44	44

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	3 S 3	23 S 23	2 N 37	23 N 52	0 S 5	21 N 2	4 44
4	3 15	23 28	2 23	23 16	0 N 28	22 35	4 34
7	3 28	23 36	2 7	22 38	0 57	23 50	4 24
10	3 40	23 45	1 49	21 59	1 21	24 41	4 15
13	3 53	23 55	1 28	21 19	1 41	25 7	4 5
16	4 7	24 8	1 4	20 39	1 53	25 8	3 55
19	4 21	24 21	0 37	19 53	1 58	24 47	3 46
22	4 35	24 37	0 7	19 19	1 56	24 6	3 36
25	4 49	24 54	0 S 26	18 41	1 50	23 10	3 27
28	5 2	25 11	1 2	18 5	1 40	22 2	3 17

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	20 2 42	24 25 15	28 17 51	24 25 9	4 11 46	♂ ♀ ♄							
2	20 46 24	27 29	1 24 51	6 56									
3	20 50 24	38 29	11 25 32	9 6		♂ ♀ ☿	♂	♂					♂
4	20 54 24	50 29	20 26 12	11 17		☉ ☿ ♄			♂				
5	20 58 25	1 29	29 26 50	13 28									
6	21 3 25	13 29	37 27 28	15 40						♂			
7	21 8 25	25 29	44 28 5	17 52							♂	♂	
8	21 13 25	37 29	50 28 40	20 3			♂	♂					
9	21 18 25	49 29	56 29 14	22 15		♂ * ♄		♂					♂
10	21 23 26	1 0	1 29 40	24 26			☉						
11	21 28 26	13 0	5 0 18	26 36		♂ ♀ ♄	☉						
12	21 33 26	25 0	9 0 48	28 45		☉ * ♄				♂	*	♂	☉
13	21 38 26	37 0	12 1 16	0 52				*					
14	21 43 26	49 0	14 1 43	2 57			*		♂	☉	☉	☉	
15	21 48 27	1 0	15 2 8	5 1									*
16	21 53 27	13 0	16 2 31	7 3		♂ ♄ ♄			☉	*			
17	21 58 27	25 0	16 2 53	9 2				♂				♂	*
18	22 3 27	37 0	15 3 13	11 1					*				
19	22 9 27	49 0	14 3 81	12 56			♂						
20	22 14 28	2 0	11 3 47	14 50									♂
21	22 20 28	14 0	8 4 2	16 42						♂	♂	♂	
22	22 26 28	27 0	4 4 15	18 31				*					
23	22 31 28	39 29	17 59	4 25			*		♂				
24	22 37 28	52 29	54 4 33	22 3				☉					
25	22 43 29	4 29	48 4 38	23 46						*	♂		*
26	22 49 29	17 29	41 4 42	25 26			☉	♂				*	
27	22 55 29	30 29	34 4 43	27 4		♂ ♀ ♄			*	☉	☉	☉	☉
28	23 1 29	43 29	26 4 42	28 40		♂ ♀ ♄	♂					☉	
29	23 7 29	56 29	17 4 39	0 14		♂ ♀ ♄		♂			*		
30	23 14 0	9 29	7 4 34	1 45				♂		♂		♂	♂

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	0 8	4 21 N 52	1 N 21	15 N 1	0 N 30	20 N 33
4	15	45	0 4	21 54	1 21	14 45	0 30	20 25
7	15	45	0 4	21 55	1 21	14 48	0 30	20 17
10	15	45	0 4	21 56	1 21	14 41	0 30	20 8
13	15	45	0 3	21 58	1 21	14 34	0 30	19 59
16	15	46	0 3	21 59	1 21	14 28	0 30	19 50
19	15	46	0 3	22 0	1 21	14 21	0 30	19 41
22	15	46	0 3	22 1	1 21	14 13	0 31	19 32
25	15	46	0 3	22 2	1 21	14 6	0 31	19 22
28	15	47	0 3	22 3	1 21	13 59	0 31	19 13
31	15	47	0 3	22 4	1 21	13 51	0 31	19 3

D M	D W	Sidereal Time.	☉		☉ Declin	☽ Long.	☽ Lat.	☽ Declin	♂ Long.
		H. M. S.	°	'	°	'	°	'	°
1	S	6 39 2	9 5	47 4	23 N 1	19 7 44	3 8 32	26 8 35	9 11 47
2	M	6 42 59	10 44	15 23	6 2	27 46	2 34 26	0 9 50	
3	Tu	6 46 55	11 41	25 22	57 15	33	1 30 24	2 9 54	
4	W	6 50 52	12 38	36 22	54 28	6	0 22 20	55 9 57	
5	Th	6 54 48	13 35	47 22	46 10	m 24	0 N 46 16	54 10 0	
6	F	6 58 45	14 32	57 22	40 22	81	1 51 12	16 10 3	
7	S	7 2 41	15 30	9 22	33 4	29	2 50 7	14 10 6	
8	S	7 6 38	16 27	20 22	27 16	21	3 41 1	59 10 9	
9	M	7 10 35	17 24	32 22	19 28	12	4 23 3	N 18 10 12	
10	Tu	7 14 31	18 21	45 22	12 10	r 6	4 53 8	30 10 15	
11	W	7 18 28	19 18	58 22	4 22	7	5 12 13	26 10 18	
12	Th	7 22 24	20 16	11 21	56 4	20	5 16 17	56 10 21	
13	F	7 26 21	21 13	26 21	47 16	49	5 6 21	46 10 24	
14	S	7 30 17	22 10	41 21	38 29	39	4 41 24	40 10 27	
15	S	7 34 14	23 7	56 21	28 12	11 50	4 0 26	19 10 29	
16	M	7 38 10	24 5	12 21	19 26	26	3 5 26	29 10 32	
17	Tu	7 42 7	25 2	29 21	8 10	25 24	1 57 25	0 10 35	
18	W	7 46 3	25 59	46 20	58 24	41	0 41 21	52 10 38	
19	Th	7 50 0	26 57	4 20	47 9	14	0 8 40	17 10 40	
20	F	7 53 57	27 54	22 20	36 23	56	1 59 11	41 10 43	
21	S	7 57 53	28 51	40 20	24 8	m 40	3 10 5	24 10 45	
22	S	8 1 50	29 48	59 20	12 23	19	4 8 18	8 10 48	
23	M	8 5 46	0 46	19 20	0 7	49	4 49 7	32 10 50	
24	Tu	8 9 43	1 48	39 19	47 22	6	5 13 13	22 10 53	
25	W	8 13 39	2 40	59 19	35 6	m 6	5 16 18	32 10 55	
26	Th	8 17 36	3 38	20 19	21 19	49	5 2 22	33 10 58	
27	F	8 21 33	4 35	41 19	8 3	7 16	4 32 25	16 11 0	
28	S	8 25 29	5 33	8 18	54 16	26	3 47 26	32 11 3	
29	S	8 29 26	6 30	25 18	40 29	20	2 52 26	19 11 5	
30	M	8 33 22	7 27	48 18	25 12	v 1	1 49 24	42 11 7	
31	Tu	8 37 19	8 25	12 18	10 24	29	0 42 21	56 11 9	

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	5 S 14	25 S 30	1 S 41	17 N 31	1 N 20	20 N 44	3 ^{ma} 8
4	5 26	25 49	2 23	17 0	0 58	19 20	2 58
7	5 38	26 8	3 6	16 32	0 30	17 52	2 49
10	5 48	26 27	3 49	16 8	0 S 59	16 23	2 39
13	5 56	26 45	4 29	15 48	0 36	14 56	2 30
16	6 3	27 2	5 6	15 32	1 12	13 32	2 20
19	6 10	27 18	5 39	15 20	1 52	12 15	2 11
22	6 15	27 32	6 7	15 0	2 34	11 8	2 1
25	6 18	27 43	6 30	15 7	3 11	10 15	1 52
28	6 20	27 53	6 46	15 6	3 47	9 38	1 42
31	6 21	27 59	6 54	15 8	4 19	9 22	1 33

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	23 Ω 20	0 Ω 21	28 ♄ 57	4 Ω 25	3 Ω 14				Δ				
2	23 26	0 34	28 ♄ 46	4 ♄ 14	4 41	♀ ☉ ♀							
3	23 32	0 47	28 35	4 1	6 5		♁						
4	23 38	1 0	28 23	3 46	7 27					♁	♊	♋	♌
5	23 45	1 13	28 10	3 29	8 47		Δ						♌
6	23 51	1 26	27 57	3 9	10 4	♀ * ♁		♁	♈				
7	23 57	1 39	27 43	2 46	11 19		Δ	☐	♈				
8	24 4	1 52	27 29	2 22	12 31					Δ	*	Δ	
9	24 10	2 5	27 15	1 55	13 40			*					Δ
10	24 17	2 18	27 0	1 27	14 47								Δ
11	24 24	2 31	26 45	0 57	15 51		☐		Δ		☐		
12	24 31	2 44	26 29	0 25	16 53					☐		☐	
13	24 38	2 57	26 13	29 52	17 51		*						☐
14	24 45	3 11	25 57	29 18	18 46			☐	*	Δ	*		
15	24 52	3 24	25 40	28 43	19 38		♈						
16	24 59	3 37	25 24	28 7	20 26				*				*
17	25 7	3 50	25 7	27 30	21 11	☉ ♁ ♀							
18	25 14	4 3	24 50	26 53	21 53	☉ ♁ ♀	♈				♁	♈	
19	25 21	4 17	24 33	26 15	22 31	☉ ♁ ♀		*	♈	♈			
20	25 28	4 30	24 16	25 38	23 5	♀ ♁ ♀			♈				♈
21	25 35	4 43	23 59	25 1	23 34			☐					
22	25 42	4 57	23 43	24 25	24 0		*				Δ	*	
23	25 49	5 10	23 26	23 49	24 21			Δ		*			
24	25 56	5 23	23 10	23 14	24 37	♀ ♁ ♀			*		☐	☐	*
25	26 3	5 36	22 54	22 41	24 49		☐			☐			
26	26 10	5 49	22 38	21 9	24 55				☐		*	Δ	☐
27	26 17	6 2	22 23	21 38	24 57		Δ			Δ			
28	26 24	6 15	22 8	21 9	24 54			♈					
29	26 31	6 29	21 54	20 42	24 46	☉ ♁ ♀			Δ				Δ
30	26 39	6 42	21 40	20 17	24 32								
31	26 46	6 55	21 26	19 54	24 13						♈	♈	

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	°	'	°	'	°	'
1	15	48	0 8	3 22 N	5 1 N	21 13 N	49 0 N	32 19 N
4	15	48	0 8	3 22	5 1	21 13	41 0	32 18
7	15	49	0 8	3 22	6 1	21 13	34 0	32 18
10	15	49	0 8	3 22	7 1	21 13	26 0	32 18
13	15	50	0 8	3 22	8 1	21 13	18 0	32 18
16	15	50	0 8	3 22	9 1	21 13	10 0	33 18
19	15	51	0 8	3 22	9 1	21 13	2 0	33 17
22	15	51	0 8	3 22	10 1	21 12	55 0	33 17
25	15	52	0 8	3 22	10 1	21 12	47 0	33 17
28	15	53	0 8	3 22	11 1	22 12	39 0	34 17
31	15	53	0 8	3 22	11 1	22 12	31 0	34 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	°	'	°	'	°	'
1	W	8 41 15	9 22 37	17 N 55	6 47	0 N 26	18 S 10	11 11
2	Th	8 45 12	10 20 2	17 40	18 54	1 32	13 43	11 14
3	F	8 49 8	11 17 29	17 24	0 54	2 33	8 46	11 16
4	S	8 53 5	12 14 56	17 8	12 49	3 27	3 34	11 18
5	S	8 57 1	13 12 25	16 52	24 40	4 12	1 N 44	11 20
6	M	9 0 58	14 9 5	16 30	6 30	4 45	6 57	11 23
7	Tu	9 4 55	15 7 26	16 19	18 24	5 7	11 57	11 24
8	W	9 8 51	16 4 59	16 2	0 24	5 16	16 33	11 26
9	Th	9 12 48	17 2 33	15 44	12 35	5 11	20 33	11 28
10	F	9 16 44	18 0 9	15 27	25 2	4 51	23 44	11 30
11	S	9 20 41	18 57 46	15 9	7 48	4 16	25 50	11 31
12	S	9 24 37	19 55 24	14 51	20 57	3 28	26 36	11 33
13	M	9 28 34	20 53 4	14 33	4 31	2 26	25 40	11 35
14	Tu	9 32 31	21 50 46	14 14	18 32	1 14	23 23	11 35
15	W	9 36 27	22 48 29	13 55	2 58	0 8	5 19	26 11 36
16	Th	9 40 24	23 46 18	13 30	17 45	1 20	14 10	11 38
17	F	9 44 20	24 43 59	13 17	2 46	2 41	7 59	11 41
18	S	9 48 17	25 41 46	12 58	17 52	3 46	1 20	11 42
19	S	9 52 13	26 39 34	12 38	2 54	4 35	5 S 21	11 44
20	M	9 56 10	27 37 24	12 18	17 44	5 4	11 39	11 45
21	Tu	10 0 6	28 35 15	11 58	2 15	5 14	17 10	11 47
22	W	10 4 3	29 33 7	11 38	16 22	5 4	21 35	11 48
23	Th	10 8 0	0 31 0	11 18	0 5	4 36	24 41	11 50
24	F	10 11 56	1 28 54	10 57	13 25	3 55	26 19	11 51
25	S	10 15 53	2 26 50	10 37	26 23	3 2	26 26	11 52
26	S	10 19 49	3 24 47	10 16	9 3	2 1	25 10	11 53
27	M	10 23 46	4 22 46	9 55	21 28	0 56	22 40	11 54
28	Tu	10 27 42	5 20 48	9 34	3 41	0 N 10	19 11	11 55
29	W	10 31 39	6 18 47	9 12	15 46	1 15	14 58	11 56
30	Th	10 35 35	7 16 50	8 51	27 44	2 17	10 8	11 57
31	F	10 39 32	8 14 54	8 29	9 38	3 11	5 1	11 58

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	6 S 20	28 S 1	6 S 56	15 N 10	4 S 30	9 N 21	1 m 30
4	6 18	28 5	6 57	15 16	5 0	9 35	1 20
7	6 14	28 6	6 52	15 23	4 53	10 12	1 11
10	6 9	28 5	6 44	15 33	4 37	11 7	1 1
13	6 4	28 2	6 32	15 42	4 12	12 14	0 51
16	5 57	27 57	6 17	15 52	3 24	13 23	0 42
19	5 50	27 50	6 1	16 1	2 42	14 24	0 32
22	5 42	27 41	5 43	16 9	1 49	15 11	0 23
25	5 33	27 30	5 23	16 16	0 56	15 36	0 13
28	5 24	27 18	5 2	16 20	0 50	15 36	0 4
31	5 15	27 5	4 41	16 21	0 N 36	15 7	29 v 54

D M	h		♈		♉		♊		♋		♌		♍		Mutual Aspts.		Lunar Aspects.										
	Long.		Long.		Long.		Long.		Long.		Long.		Long.			☉	☽	☾	☿	♈	♉	♊	♋	♌	♍	♎	♏
	°	'	°	'	°	'	°	'	°	'	°	'	°	'													
1	26	53	7	52	8	21	13	19	53	34	23	52	49			♈	Δ			♈							
2	27	0	7	22	21	18	1	19	16	23	16	21															♈
3	27	8	7	35	20		49	19	0	22	48			☉ * ☽				♈									
4	27	15	7	49	20		38	18		47	22	11					☐							Δ			
5	27	23	8	2	20		27	18		35	21	30											*				
6	27	30	8	15	20		17	18		26	20	48					*		Δ								
7	27	38	8	29	20		8	18		20	19	59				Δ								☐	☐	Δ	
8	27	46	8	42	20		0	18		17	19	11						Δ									
9	27	53	8	55	19		52	18		14	18	22				☐							☐		*	☐	
10	28	1	9	8	19		45	18	D	15	17	34		☉ ☽ ☿				☐					Δ				
11	28	9	9	21	19		39	18		18	16	46					☽		*								
12	28	16	9	34	19		34	18		23	16	0				*			*								*
13	28	24	9	48	19		29	18		31	15	19						*									
14	28	31	10	1	19		25	18		41	14	38												♈	☽		
15	28	39	10	14	19		22	18		52	14	4															
16	28	46	10	27	19		20	19		6	13	35				☽	*		☽								☽
17	28	53	10	40	19		19	19		22	13	12		♀ ♈ ♈			☽		☽								
18	29	1	10	53	19		18	19		40	12	55					☐						Δ	*			
19	29	9	11	6	19		18	19		59	12	46															
20	29	16	11	19	19	D	19	20		20	12	D	45				Δ		*				☐	☐	*		
21	29	24	11	32	19		21	20		43	12	51				*		*									
22	29	32	11	45	19		24	21		8	13	5		☉ ☽ ♀				*					☐	*	Δ	☐	
23	29	39	11	58	19		28	21		34	13	26					☐										
24	29	47	12	11	19		33	22		2	13	55						♈					Δ				Δ
25	29	55	12	23	19		38	22		32	14	33					Δ		Δ								
26	0	2	12	36	19		44	23		3	15	18															
27	0	10	12	49	19		51	23		35	16	11															☽ ♈
28	0	18	13	2	19		59	24		9	17	11		☉ ☐ ♈													
29	0	25	13	14	20		7	24		44	18	17						Δ									♈
30	0	33	13	27	20		16	25		20	19	30															
31	0	41	13	40	20		26	25		57	20	49						♈	☐								

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	53	08 3	22 N11	1 N22	12 N28	0 N34	17 N13
4	15	54	0 3	22 12	1 22	12 21	0 34	17 3
7	15	54	0 3	22 12	1 22	12 13	0 35	16 52
10	15	55	0 3	22 12	1 23	12 5	0 35	16 42
13	15	56	0 3	22 12	1 23	11 57	0 35	16 32
16	15	56	0 3	22 12	1 23	11 50	0 36	16 21
19	15	57	0 3	22 12	1 24	11 42	0 36	16 11
22	15	58	0 3	22 12	1 24	11 35	0 37	16 0
25	15	59	0 3	22 12	1 25	11 27	0 37	15 50
28	16	0	0 3	22 12	1 25	11 20	0 38	15 40

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 43 28	9 m 13 0	8 N 7	21 x 29	3 N 57	0 N 15	11 n 53
2	S	10 47 25	10 11 8	7 45	3 r 20	4 33	5 30	12 0
3	M	10 51 22	11 9 17	7 23	15 12	4 57	10 33	12 1
4	Tu	10 55 18	12 7 29	7 1	27 8	5 8	15 15	12 2
5	W	10 59 15	13 5 42	6 39	9 x 10	5 6	19 23	12 3
6	Th	11 3 11	14 3 58	6 16	21 21	4 50	22 47	12 4
7	F	11 7 8	15 2 16	5 54	3 n 46	4 20	25 11	12 5
8	S	11 11 4	16 0 35	5 31	16 27	3 37	26 22	13 0
9	S	11 15 1	16 58 57	5 9	29 29	2 42	26 9	13 1
10	M	11 18 58	17 57 21	4 46	12 x 56	1 36	24 26	13 2
11	Tu	11 22 54	18 55 47	4 23	26 50	0 23	21 11	13 3
12	W	11 26 51	19 54 15	4 0	11 n 11	0 S 54	16 34	13 4
13	Th	11 30 47	20 52 45	3 37	25 57	2 10	10 50	13 5
14	F	11 34 44	21 51 17	3 14	11 m 3	3 18	4 22	14 0
15	S	11 38 40	22 49 51	2 51	26 20	4 13	2 S 24	14 1
16	S	11 42 37	23 48 27	2 28	11 n 36	4 49	9 2	14 2
17	M	11 46 33	24 47 5	2 4	26 42	5 5	15 2	14 3
18	Tu	11 50 30	25 45 45	1 41	11 m 27	5 0	20 2	14 4
19	W	11 54 27	26 44 27	1 18	25 46	4 37	23 41	14 5
20	Th	11 58 23	27 43 10	0 54	9 f 37	3 57	25 49	15 0
21	F	12 2 20	28 41 55	0 31	22 58	3 6	26 22	15 1
22	S	12 6 16	29 40 42	0 8	5 w 54	2 7	25 26	15 2
23	S	12 10 13	0 n 39 30	0 S 16	18 28	1 3	23 13	15 3
24	M	12 14 9	1 38 20	0 39	0 m 46	0 N 3	19 58	15 4
25	Tu	12 18 6	2 37 12	1 3	12 50	1 7	15 54	15 5
26	W	12 22 2	3 36 5	1 26	24 47	2 7	11 17	16 0
27	Th	12 25 59	4 35 1	1 49	6 x 39	3 1	6 16	16 1
28	F	12 29 55	5 33 58	2 13	18 30	3 47	1 4	16 2
29	S	12 33 52	6 32 57	2 36	0 r 21	4 23	4 N 10	16 3
30	S	12 37 49	7 31 58	2 59	12 14	4 46	9 15	16 4

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	5 8 12	27 8 0	4 8 35	16 N 21	0 N 47	14 N 51	29 w 51
4	5 2	26 45	4 14	16 18	1 14	13 44	29 41
7	4 52	26 28	3 52	16 12	1 36	12 12	29 32
10	4 43	26 11	3 31	16 2	1 44	10 21	29 22
13	4 33	25 51	3 9	15 48	1 49	8 15	29 13
16	4 24	25 31	2 48	15 30	1 45	6 0	29 3
19	4 14	25 10	2 28	15 8	1 37	3 40	28 54
22	4 5	24 47	2 8	14 41	1 26	1 18	28 44
25	3 55	24 22	1 48	14 11	1 11	18 4	28 35
28	3 46	23 57	1 29	13 36	0 54	8 23	28 25

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♅	♁
	° /	° /	° /	° /	° /							
1	0 m 48	13 Ω 52	20 w 37	26 Ω 36	22 Ω 13					*	Δ	
2	0 56	14 5 20	49 27	16 23	43							
3	1 8	14 17 21	1 27	57 25	17			*		Δ	□	
4	1 11	14 30 21	14 28	39 26	55	☉ □ ♁			Δ			□ Δ
5	1 18	14 43 21	27 29	22 28	37		Δ			□		
6	1 26	14 55 21	41 0 Ω 6	0 m 21							Δ	
7	1 33	15 7 21	56 0	51 2	8	♀ ☉ h			□		*	□
8	1 41	15 20 22	12 1	37 3	57		□ ☉		*			
9	1 48	15 32 22	28 2	24 5	48			☉	*			
10	1 56	15 44 22	45 3	12 7	39		*					*
11	2 3	15 56 23	3 4	0 9	32						♁	
12	2 11	16 8 23	21 4	49 11	25	♀ □ ♁		*	♁	♁	♁	
13	2 18	16 20 23	40 5	39 13	18			♁				♁
14	2 26	16 32 23	59 6	30 15	11			□				
15	2 33	16 44 24	19 7	21 17	4		♁				Δ	
16	2 40	16 55 24	40 8	13 18	57		Δ		*		*	
17	2 48	17 7 25	1 9	6 20	49	♁ Δ ☉			*		□	*
18	2 55	17 19 25	22 10	0 22	41					□		
19	3 2	17 30 25	44 10	54 24	32		*		♁		*	*
20	3 9	17 42 26	7 11	49 26	22	♀ * ♁		♁			Δ	
21	3 16	17 54 26	30 12	44 28	12		□			Δ		□
22	3 23	18 5 26	54 13	40 0	1	☉ ☉ ♁			Δ			
23	3 30	18 17 27	18 14	36 1	48							
24	3 37	18 28 27	43 15	33 3	35	♀ ∠ ♄	Δ			♁		Δ
25	3 44	18 39 28	8 16	30 5	21			Δ		♁	♁	
26	3 51	18 50 28	34 17	28 7	6	☉ ∠ ♄			♁			
27	3 58	19 1 29	0 18	26 8	50			□	♁			
28	4 5	19 12 29	26 19	25 10	33							
29	4 12	19 23 29	53 20	24 12	16	♀ Δ ♁				*		
30	4 19	19 34 0 m 20	21 23	13 57			♁	*				♁

OCTOBER XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	/	"	°	'	°	'	°	'
1	16	1	08	3	1 N26	11 N13	0 N39	15 N31
4	16	2	0	3	1 26	11 6	0 39	15 21
7	16	3	0	3	1 26	10 59	0 39	15 11
10	16	4	0	3	1 27	10 53	0 40	15 1
18	16	5	0	3	1 27	10 46	0 40	14 51
16	16	5	0	3	1 28	10 40	0 41	14 41
19	16	6	0	3	1 28	10 34	0 41	14 31
22	16	7	0	3	1 29	10 28	0 42	14 21
25	16	8	0	3	1 29	10 23	0 42	14 11
28	16	9	0	3	1 30	10 17	0 43	14 1
31	16	9	0	3	1 30	10 12	0 43	14 1

D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin. ° ' "	♂ Long. ° ' "	♂ Lat. ° ' "	♂ Declin. ° ' "	♂ Long. ° ' "
1	M	12 41 45	8 31	2 38 23	24 11	5 N 0	14 N 2	12 1
2	Tu	12 45 42	9 30	7 3 46	6 14	4 59	18 18	12 1
3	W	12 49 38	10 29	15 4 9	18 22	4 44	21 52	11 1
4	Th	12 53 35	11 28	24 4 32	0 39	4 17	24 29	11 1
5	F	12 57 31	12 27	36 4 56	13 7	3 36	25 58	11 1
6	S	13 1 28	13 26	51 5 19	25 49	2 44	26 8	11 1
7	S	13 5 24	14 26	7 5 42	8 48	1 43	24 53	11 1
8	M	13 9 21	15 25	27 6 5	22 7	0 35	22 13	11 1
9	Tu	13 13 18	16 24	48 6 28	5 50	0 8	38 18	11 1
10	W	13 17 14	17 24	12 6 50	19 58	1 50	13 5	11 1
11	Th	13 21 11	18 23	38 7 13	4 31	2 57	7 6	11 1
12	F	13 25 7	19 23	6 7 36	19 26	3 54	0 36	11 1
13	S	13 29 4	20 22	36 7 58	4 35	4 35	6 8	11 1
14	S	13 33 0	21 22	9 8 20	19 49	4 57	12 20	11 1
15	M	13 36 57	22 21	43 8 48	4 57	4 58	17 51	11 1
16	Tu	13 40 53	23 21	20 9 5	19 49	4 39	22 10	11 1
17	W	13 44 50	24 20	58 9 27	4 16	4 22	24 58	11 1
18	Th	13 48 47	25 20	39 9 49	18 14	3 11	26 7	11 1
19	F	13 52 43	26 20	21 10 10	10 42	2 11	25 38	11 1
20	S	13 56 40	27 20	4 10 32	14 42	1 7	23 45	11 1
21	S	14 0 36	28 19	50 10 53	27 18	0 12	20 44	11 1
22	M	14 4 33	29 19	38 11 15	9 35	1 N 4	16 50	11 1
23	Tu	14 8 29	0 19	27 11 36	21 38	2 4	12 21	11 1
24	W	14 12 26	1 19	17 11 57	3 32	2 58	7 27	11 1
25	Th	14 16 22	2 19	10 12 17	15 22	3 44	2 18	11 1
26	F	14 20 19	3 19	4 12 38	27 12	4 21	2 N 52	11 1
27	S	14 24 16	4 18	59 12 58	9 5	4 46	7 59	11 1
28	S	14 28 12	5 18	57 13 18	21 3	4 59	12 50	11 1
29	M	14 32 9	6 18	56 13 38	3 8	4 58	17 14	11 1
30	Tu	14 36 5	7 18	58 13 58	15 21	4 43	20 58	11 1
31	W	14 40 2	8 19	1 14 17	27 48	4 16	23 49	11 1

NOVEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.		
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'
1	16	9	08 3	22 N 6	1 N 31	10 N 11	0 N 44	14 S 3
4	16	9	0 3	22 5	1 32	10 6	0 44	13 5
7	16	10	0 3	22 4	1 33	10 2	0 45	13 3
10	16	11	0 3	22 3	1 34	9 57	0 46	13 4
13	16	12	0 3	22 2	1 34	9 54	0 47	13 4
16	16	12	0 3	22 1	1 35	9 50	0 48	13 5
19	16	13	0 3	22 0	1 35	9 47	0 48	13 3
22	16	13	0 3	21 59	1 36	9 44	0 49	13 3
25	16	14	0 3	21 58	1 37	9 42	0 49	13 3
28	16	14	0 3	21 57	1 37	9 39	0 50	13 3

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☽ Long.	☽ Lat.	☽ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	14 43 58	9 19 6	14 8 37	10 11 13	3 N 35	25 N 33	11 11 6
2	F	14 47 55	10 19 13	14 56 22	53	2 44 26	0 11 31	11 11 6
3	S	14 51 51	11 19 23	15 14 55	45	1 43 25	3 11 1	11 11 6
4	S	14 55 48	12 19 34	15 33 18	49	0 36 22	44 11 1	11 11 6
5	M	14 59 45	13 19 47	15 51 29	9	0 8 35	19 8 11	11 11 6
6	Tu	15 3 41	14 20 3	16 9 15	47	1 45 14	27 11 1	11 11 6
7	W	15 7 38	15 20 20	16 27 29	44	2 51 8	55 11 1	11 11 6
8	Th	15 11 34	16 20 40	16 44 14	0	3 47 2	48 11 1	11 11 6
9	F	15 15 31	17 21 1	17 2 28	35	4 30 3	34 10 5	11 11 6
10	S	15 19 27	18 21 24	17 18 13	23	4 56 9	50 10 5	11 11 6
11	S	15 23 24	19 21 50	17 35 28	17	5 2 15	34 10 5	11 11 6
12	M	15 27 20	20 22 16	17 51 13	10	4 48 20	22 10 5	11 11 6
13	Tu	15 31 17	21 22 45	18 7 27	51	4 14 23	49 10 5	11 11 6
14	W	15 35 14	22 23 15	18 23 12	13	3 25 25	40 10 5	11 11 6
15	Th	15 39 10	23 23 47	18 38 26	11	2 25 25	49 10 5	11 11 6
16	F	15 43 7	24 24 20	18 53 9	42	1 18 24	24 10 5	11 11 6
17	S	15 47 3	25 24 55	19 8 22	47	0 9 21	42 10 5	11 11 6
18	S	15 51 0	26 25 31	19 22 5	27	0 N 58	17 59 10 5	11 11 6
19	M	15 54 56	27 26 8	19 36 17	47	2 1 13	35 10 5	11 11 6
20	Tu	15 58 53	28 26 46	19 50 29	53	2 58 8	45 10 5	11 11 6
21	W	16 2 49	29 27 25	20 3 11	48	3 46 3	40 10 5	11 11 6
22	Th	16 6 46	0 28 6	20 16 23	39	4 23 1	N 31 10 5	11 11 6
23	F	16 10 43	1 28 47	20 28 5	30	4 50 6	37 10 5	11 11 6
24	S	16 14 39	2 29 30	20 41 17	26	5 4 11	31 10 5	11 11 6
25	S	16 18 36	3 30 14	20 52 29	29	5 5 16	3 10 5	11 11 6
26	M	16 22 32	4 30 59	21 4 11	42	4 52 19	59 10 5	11 11 6
27	Tu	16 26 29	5 31 45	21 15 24	7	4 25 23	5 10 5	11 11 6
28	W	16 30 25	6 32 32	21 25 6	44	3 45 25	8 10 5	11 11 6
29	Th	16 34 22	7 33 21	21 35 19	32	2 52 25	55 10 5	11 11 6
30	F	16 38 18	8 34 10	21 45 25	33	1 50 25	16 10 5	11 11 6

1860.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

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NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	2 S 12	17 S 39	1 N 16	2 N 44	2 S 35	22 S 58	26 w 37
4	2 5	16 58	1 25	1 30	2 41	23 48	26 28
7	1 58	16 16	1 33	0 14	2 45	24 24	26 18
10	1 51	15 33	1 40	1 S 3	2 46	24 46	26 9
13	1 45	14 49	1 46	2 21	2 31	24 52	25 59
16	1 38	14 8	1 51	3 39	2 10	24 39	25 50
19	1 32	13 17	1 55	4 57	1 35	24 5	25 40
22	1 26	12 31	1 58	6 15	0 45	23 5	25 31
25	1 20	11 43	2 1	7 33	0 N 30	21 41	25 21
28	1 15	10 55	2 3	8 49	1 20	20 2	25 12

D M	\hbar	γ	δ	ζ	η	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		\odot	\lrcorner	\hbar	γ	δ	ζ
	° /	° /	° /	° /	° /							
1	7 w 28	24 Ω 25	17 m 39	26 w 3	1 γ 22			\odot	\square	*	Δ	\square
2	7 33	24 32	18 15	27 12	2 36			\odot	\square	*	Δ	\square
3	7 38	24 39	18 52	28 21	3 48	$\zeta \angle \delta$	Δ		*			
4	7 42	24 46	19 28	29 30	4 58							
5	7 47	24 53	20 5	0 \triangle 40	6 5						*	Δ
6	7 52	25 0	20 42	1 49	7 10		\square	*		δ		
7	7 56	25 6	21 19	2 59	8 13	$\zeta \square \hbar$		*	\square	δ		\square
8	8 0	25 12	21 56	4 9	9 12			*	\square	δ		\square
9	8 4	25 18	22 34	5 19	10 8						δ	\square
10	8 8	25 24	23 11	6 29	11 0	$\zeta \delta \lrcorner$		Δ				*
11	8 12	25 30	23 49	7 40	11 47				*	Δ		
12	8 16	25 36	24 27	8 51	12 30				*			
13	8 20	25 41	25 5	10 2	13 7		\odot		*	\square	\square	*
14	8 24	25 46	25 43	11 12	13 37	$\delta \delta \gamma$		δ	\square	Δ	*	δ
15	8 28	25 51	26 21	12 23	14 1					Δ	*	
16	8 32	25 56	26 59	13 34	14 17			Δ			\square	
17	8 36	26 1	27 38	14 45	14 25	$\zeta * \zeta$	*					
18	8 39	26 6	28 16	15 56	14 25	$\odot \square \gamma$		Δ				
19	8 42	26 10	28 55	17 8	14 13						Δ	*
20	8 45	26 14	29 34	18 19	13 51		\square			δ	δ	
21	8 48	26 18	0 \times 13	19 31	13 19			\square	δ			\square
22	8 51	26 22	0 52	20 42	12 36							
23	8 54	26 26	1 31	21 54	11 42	$\odot \square \delta$	Δ	*				Δ
24	8 57	26 30	2 10	23 6	10 40	$\zeta \delta \lrcorner$						
25	8 59	26 33	2 50	24 18	9 28	$\zeta \square \hbar$				Δ	*	δ
26	9 2	26 36	3 29	25 30	8 11				Δ			
27	9 5	26 39	4 8	26 42	6 59	$\zeta * \hbar$		δ	\square	\square		δ
28	9 7	26 42	4 47	27 54	5 27	$\odot \delta \zeta$	δ	δ	\square	\square		
29	9 9	26 45	5 27	29 7	4 6							
30	9 11	26 47	6 6	0 m 19	2 49					*	Δ	Δ

DECEMBER XXXI DAYS.

D	Sun's		Herschel.		Saturn.		Jupiter.	
M	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	16	0 8	2 21 N 56	1 N 38	9 N 38	0 N 51	13 N 23
4	16	16	0 2	21 55	1 39	9 36	0 51	13 21
7	16	17	0 2	21 54	1 39	9 35	0 52	13 21
10	16	17	0 2	21 53	1 40	9 35	0 53	13 21
13	16	17	0 2	21 52	1 41	9 34	0 54	13 21
16	16	18	0 2	21 51	1 42	9 34	0 54	13 23
19	16	18	0 2	21 50	1 43	9 35	0 55	13 24
22	16	18	0 2	21 48	1 43	9 36	0 56	13 27
25	16	18	0 2	21 47	1 44	9 37	0 56	13 30
28	16	18	0 2	21 47	1 44	9 38	0 57	13 33
31	16	18	0 2	21 46	1 45	9 40	0 58	13 37

D	D	Sidereal	☉	☉	♄	♄	♄	♄
M	W	Time.	Long.	Declin	Long.	Lat.	Declin	Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	16 42 15	9 7 35	1 21 54	15 25 45	0 N 41	23 N 13	10 11 5
2	S	16 46 12	10 35 53	22 3 29	8 12 42	0 8 31	19 51	10 12 2
3	M	16 50 8	11 36 48	22 12 12	Ω 42	1 43 15	22 9 59	
4	Tu	16 54 5	12 37 42	22 20 26	27 2 49	10 3 9 57		
5	W	16 58 1	13 38 38	22 27 10	w 23	3 47 4 10	9 54	
6	Th	17 1 58	14 39 35	22 35 24	30 4 32	1 8 59	9 52	
7	F	17 5 54	15 40 34	22 41 8	Δ 47	5 1 8 5	9 49	
8	S	17 9 51	16 41 34	22 48 23	11 5 11	13 49 9 47		
9	S	17 13 47	17 42 35	22 53 7	m 37	5 1 18 48	9 44	
10	M	17 17 44	18 43 37	22 59 22	1 4 32	22 40 9 42		
11	Tu	17 21 41	19 44 40	23 4 6	7 18 3 47	25 6 9 39		
12	W	17 25 37	20 45 43	23 8 20	20 2 49	25 55 9 37		
13	Th	17 29 34	21 46 48	23 12 4	w 5 1 41	25 5 9 34		
14	F	17 33 30	22 47 53	23 16 17	.28 0 80	23 49 9 32		
15	S	17 37 27	23 48 59	23 19 0	m 30 0 N 41	19 23 9 29		
16	S	17 41 23	24 50 5	23 21 13	11 1 49	15 8 9 27		
17	M	17 45 20	25 51 12	23 24 25	34 2 49	10 21 9 24		
18	Tu	17 49 17	26 52 18	23 25 7	× 42 3 41	5 16 9 22		
19	W	17 53 13	27 53 26	23 26 19	40 4 23	0 4 9 19		
20	Th	17 57 10	28 54 33	23 27 1	r 33 4 53	5 N 5 9 17		
21	F	18 1 6	29 55 41	23 27 13	25 5 10	10 3 9 15		
22	S	18 5 3	0 w 56	23 27 25	21 5 14	14 41 9 13		
23	S	18 8 59	1 57 56	23 27 7	8 26 5 5	18 48 9 10		
24	M	18 12 56	2 59 3	23 25 19	44 4 41	22 11 9 8		
25	Tu	18 16 52	4 0 11	23 24 2	11 16 4 4	24 36 9 6		
26	W	18 20 49	5 1 19	23 22 15	6 3 13	25 49 9 4		
27	Th	18 24 46	6 2 27	23 19 28	12 2 12	25 38 9 1		
28	F	18 28 42	7 3 36	23 16 11	Ω 35 1 1	23 58 8 59		
29	S	18 32 39	8 4 44	23 13 25	18 0 8	14 20 53 8 57		
30	S	18 36 35	9 5 53	23 9 9	Ω 3 1 29	16 35 8 55		
31	M	18 40 32	10 7 2	23 4 28	8 2 40	11 20 8 52		

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	18 10	10 S 6	2 N 4	10 S 5	2 N 1	18 S 31	25 W 2
4	1 4	9 16	2 3	11 19	2 26	17 28	24 53
7	0 59	8 26	2 2	12 31	2 45	17 5	24 43
10	0 54	7 35	2 0	13 41	2 42	17 16	24 34
13	0 49	6 44	1 57	14 48	2 30	17 52	24 24
16	0 44	5 52	1 54	15 52	2 13	18 42	24 15
19	0 39	5 0	1 49	16 53	1 49	19 38	24 5
22	0 34	4 8	1 44	17 50	1 25	20 36	23 56
25	0 30	3 16	1 39	18 43	1 1	21 31	23 46
28	0 26	2 23	1 34	19 31	0 37	22 20	23 37
31	0 22	1 31	1 28	20 15	0 14	23 2	23 27

D M	\hbar		γ		δ		ζ		η		Mutual Aspts.	Lunar Aspects.								
	Long.	Long.	Long.	Long.	Long.	Long.	Aspts.	\odot	\uparrow	\downarrow		\uparrow	\downarrow	\uparrow	\downarrow					
1	9	13	26	12	49	6	45	1	31	1	39	$\odot \delta \uparrow$			*					
2	9	15	26	51	7	26	2	44	0	R37								\square	Δ	
3	9	17	26	53	8	6	3	57	29	m46		Δ	*							
4	9	19	26	55	8	46	5	10	29	5					σ				\square	
5	9	21	26	57	9	26	6	23	28	32	$\delta \delta \hbar$	\square	\square	σ			δ	*		
6	9	23	26	58	10	6	7	36	28	18	$\delta \square \uparrow$								*	
7	9	24	26	59	10	46	8	49	28	11			Δ							
8	9	25	27	0	11	26	10	2	28	D16	$\gamma * \hbar$	*			*		Δ	σ		
9	9	26	27	0	12	7	11	15	28	29					*				σ	
10	9	27	27	1	12	47	12	28	28	50					\square				σ	
11	9	28	27	1	13	27	13	41	29	20	$\gamma \Delta \delta$	σ	δ	\square						
12	9	29	27	1	14	7	14	55	29	57					Δ		\square			
13	9	30	27	1	14	48	16	8	0	f41					Δ					
14	9	30	27	B	1	15	28	17	21	1	30	$\hbar \square \uparrow$					*	*		
15	9	31	27	1	16	9	18	35	2	24							*	*	*	
16	9	31	27	0	16	49	19	48	3	23				Δ						
17	9	31	26	59	17	30	21	2	4	25		*				δ		\square		
18	9	32	26	58	18	0	22	15	5	31	$\odot \Delta \gamma$	\square	δ				σ	Δ	\square	
19	9	32	26	57	18	52	23	29	6	40										
20	9	32	26	56	19	32	24	43	7	51		\square								
21	9	B32	26	54	20	13	25	57	9	5	$\gamma \delta \uparrow$		*						Δ	
22	9	31	26	52	20	54	27	10	10	20						Δ				
23	9	31	26	50	21	35	28	24	11	38		Δ		Δ						
24	9	30	26	48	22	15	29	38	12	56	$\gamma \square \gamma$					*				
25	9	30	26	46	22	56	0	f52	14	17					\square		δ			
26	9	29	26	43	23	37	2	6	15	38			σ	\square					δ	
27	9	29	26	40	24	18	3	20	17	0					*	\square				
28	9	28	26	37	24	59	4	34	18	24		δ		*						
29	9	27	26	34	25	40	5	48	19	48							Δ			
30	9	26	26	31	26	21	7	2	21	18	$\odot \Delta \hbar$	*					Δ		Δ	
31	9	25	26	28	27	2	8	16	22	40						σ			Δ	

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen Q	2	3	Right Asc. of Meridian.			10	11	12	Ascen Q	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
0	0	0	0	10	24	28	13	14	3	1	51	37	0	11	19	17	33
0	3	40	1	11	25	29	46	14	4	1	55	37	1	13	20	13	11
0	7	20	2	12	26	30	35	15	5	1	59	17	2	13	21	18	51
0	11	0	3	13	27	31	14	16	6	2	3	8	3	14	21	19	30
0	14	41	4	14	28	0	46	17	6	2	8	59	4	15	22	20	9
0	18	21	5	15	29	1	25	17	7	2	10	51	5	15	23	20	48
0	22	3	6	16	29	2	7	18	8	2	14	44	6	16	24	21	37
0	25	43	7	17	30	3	43	19	9	2	18	37	7	17	24	22	8
0	29	23	8	18	1	3	26	19	10	2	22	31	8	18	25	22	47
0	33	4	9	19	2	4	4	20	10	2	26	25	9	19	26	23	28
0	36	45	10	20	3	5	41	21	11	2	30	20	10	20	27	24	8
0	40	26	11	21	4	6	19	22	12	2	34	16	11	21	27	24	48
0	44	8	12	22	5	7	58	23	13	2	38	13	12	22	28	25	23
0	47	50	13	23	6	8	36	23	14	2	42	10	13	23	29	26	15
0	51	32	14	24	7	9	14	24	15	2	46	8	14	24	30	26	48
0	55	14	15	25	8	10	53	24	16	2	50	7	15	25	31	27	28
0	58	5	16	26	9	11	32	25	16	2	54	7	16	26	32	28	10
1	2	40	17	27	10	12	11	26	17	2	58	7	17	27	33	29	18
1	6	23	18	28	11	13	9	27	18	3	2	8	18	28	34	29	14
1	10	7	19	29	12	14	10	28	19	3	6	9	19	29	35	30	15
1	13	51	20	1	11	15	11	29	20	3	10	12	20	30	36	31	16
1	17	35	21	2	12	16	12	30	21	3	14	15	21	31	37	32	17
1	21	20	22	3	13	17	13	31	22	3	18	19	22	32	38	33	18
1	25	6	23	4	14	18	14	32	23	3	22	23	23	33	39	34	19
1	28	53	24	5	15	19	15	33	24	3	26	26	24	34	40	35	20
1	32	38	25	6	16	20	16	34	25	3	30	29	25	35	41	36	21
1	36	25	26	7	17	21	17	35	26	3	34	31	26	36	42	37	22
1	40	13	27	8	18	22	18	36	27	3	38	34	27	37	43	38	23
1	44	0	28	9	19	23	19	37	28	3	42	37	28	38	44	39	24
1	47	48	29	10	20	24	20	38	29	3	46	40	29	39	45	40	25
1	51	37	30	11	21	25	21	39	30	3	50	43	30	40	46	41	26

Right Asc. of Meridian.			10	11	12	Ascen Q	2	3	Right Asc. of Meridian.			10	11	12	Ascen Q	2	3
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°
3	51	15	0	9	13	7	54	23	26	6	0	0	0	7	7	0	0
3	55	25	1	10	13	8	37	24	26	6	4	26	1	8	8	0	45
3	59	36	2	11	14	9	20	25	27	6	8	43	2	9	9	1	30
4	3	46	3	12	15	10	3	1	28	6	12	5	3	10	9	2	15
4	8	0	4	13	16	11	10	47	1	6	17	23	4	11	10	3	0
4	12	13	5	14	16	12	30	3	29	6	21	46	5	11	11	3	45
4	16	26	6	15	17	13	13	3	0	6	26	9	6	12	12	4	30
4	20	40	7	16	18	14	56	4	1	6	30	30	7	13	13	5	15
4	24	55	8	17	19	15	40	5	2	6	34	51	8	14	14	6	0
4	29	10	9	18	20	16	24	6	3	6	38	11	9	15	14	6	44
4	33	26	10	19	21	17	8	6	4	6	42	31	10	16	15	7	29
4	37	43	11	20	22	18	53	7	5	6	47	51	11	17	16	8	14
4	41	59	12	21	23	19	36	8	6	6	52	11	12	18	17	8	59
4	46	16	13	22	24	20	19	9	7	6	56	31	13	19	18	9	43
4	50	34	14	23	24	21	4	10	8	7	0	50	14	20	19	10	27
4	54	53	15	24	25	22	49	11	9	7	5	8	15	21	19	11	11
4	59	10	16	25	26	23	13	12	10	7	9	28	16	22	20	12	54
5	3	20	17	26	27	24	30	17	13	7	13	44	17	23	21	13	49
5	7	40	18	27	28	25	1	13	13	7	18	1	18	24	22	13	24
5	12	9	19	28	29	26	41	14	13	7	22	18	19	25	23	14	6
5	16	29	20	29	30	27	31	15	13	7	26	34	20	26	24	14	53
5	20	49	21	30	31	28	16	16	14	7	30	50	21	26	24	15	38
5	25	9	22	31	32	29	0	17	15	7	35	5	22	27	25	16	23
5	29	30	23	32	33	30	45	17	16	7	39	20	23	28	26	17	4
5	33	51	24	1	34	31	30	18	17	7	43	34	24	29	27	17	47
5	38	12	25	2	35	32	15	19	18	7	47	47	25	30	28	18	38
5	43	34	26	3	36	33	0	20	19	7	52	0	26	31	29	19	23
5	48	55	27	4	37	34	45	20	20	7	56	13	27	32	30	20	58
5	51	17	28	5	38	35	30	21	21	8	0	34	28	33	31	21	48
5	55	38	29	6	39	36	15	22	22	8	4	36	29	34	32	22	39
6	0	0	30	7	40	37	0	23	23	8	8	45	30	35	33	23	30

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
8	8	45	0	5	2	22	4	18	10	8	28	0	2	25	13	28	11	20	
8	12	54	1	6	3	22	48	19	10	12	12	1	3	26	13	6	12	21	
8	17	3	2	7	3	23	30	19	10	16	0	2	3	26	13	45	13	21	
8	21	11	3	8	4	24	13	20	10	19	48	3	4	27	14	25	14	22	
8	25	19	4	9	5	24	55	21	10	23	35	4	5	28	15	4	14	23	
8	29	26	5	10	6	25	37	22	10	27	22	5	6	29	15	42	15	24	
8	33	31	6	10	6	26	19	22	10	31	8	6	7	29	16	21	16	25	
8	37	37	7	11	7	27	1	23	10	34	54	7	8	m	17	0	17	26	
8	41	41	8	12	8	27	43	24	10	38	40	8	9	1	17	39	18	27	
8	45	45	9	13	9	28	24	25	10	42	25	9	10	2	18	17	19	28	
8	49	48	10	14	9	29	6	26	10	46	9	10	10	3	18	55	19	29	
8	53	51	11	15	10	29	47	26	1	10	49	53	11	11	3	19	34	20	30
8	57	53	12	16	11	0m	28	27	2	10	53	37	12	12	4	20	13	21	1
9	1	53	13	17	12	1	9	28	3	10	57	30	13	13	4	20	51	22	2
9	5	53	14	18	13	1	50	29	4	11	1	3	14	14	5	21	30	23	4
9	9	53	15	18	13	2	31	29	5	11	4	45	15	15	6	22	8	24	5
9	13	52	16	19	14	3	13	2	6	11	8	28	16	16	6	22	46	24	6
9	17	50	17	20	15	3	53	1	7	11	12	10	17	17	7	23	24	25	7
9	21	47	18	21	16	4	32	2	8	11	15	23	18	17	8	24	2	26	8
9	25	44	19	22	17	5	13	3	9	11	19	34	19	18	9	24	40	27	9
9	29	40	20	23	17	5	53	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6	32	4	11	11	26	56	21	20	10	25	59	29	11
9	37	29	22	25	19	7	13	5	12	11	30	37	22	20	11	26	38	20	12
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15	21	13
9	45	16	24	27	21	8	23	7	14	11	37	56	24	22	12	27	53	0	14
9	49	9	25	28	21	9	13	8	15	11	41	30	25	23	13	28	32	1	15
9	53	1	26	29	22	9	51	8	16	11	45	19	26	24	13	29	11	2	16
9	57	53	27	30	23	10	30	9	17	11	49	0	27	26	14	30	53	3	17
10	0	48	28	31	24	11	9	10	18	11	53	49	28	25	15	0	35	4	18
10	4	38	29	1	24	11	46	10	19	11	56	20	29	26	15	1	11	5	20
10	8	28	30	2	25	12	29	11	20	12	0	0	30	27	16	1	47	6	21

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
12	6	0	0	27	16	1	47	6	12	51	57	0	21	8	28	4	7	27	
12	3	49	1	28	17	2	38	7	12	55	27	1	22	9	28	53	9	28	
12	7	20	2	29	18	3	11	8	12	59	17	2	23	9	29	42	10	29	
12	11	0	3	30	19	4	49	9	14	3	8	3	24	10	29	31	11	1	
12	14	41	4	0	19	4	28	10	14	6	59	4	25	11	30	21	12	3	
12	18	21	5	1	20	5	7	10	14	10	51	5	26	12	30	12	14	4	
12	22	3	6	2	20	5	47	11	14	14	44	6	26	13	30	5	16	6	
12	25	48	7	3	21	6	37	12	14	18	37	7	27	13	30	58	17	7	
12	29	28	8	4	22	7	6	12	14	22	31	8	28	14	30	51	19	8	
12	33	4	9	4	22	7	45	14	1	14	26	9	29	15	0m	45	20	9	
12	36	45	10	5	23	8	26	15	2	14	30	20	10	2	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	5	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	25	10	29	18	6	14	42	10	13	2	18	4	30	26	15
12	51	33	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28	29	18
12	58	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	28	3	19
12	3	40	17	11	28	13	17	25	10	14	58	7	17	6	22	8	30	2	20
12	6	28	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
12	10	7	19	12	30	14	47	24	13	15	6	9	19	7	23	10	36	6	22
12	13	51	20	13	31	15	27	25	14	15	10	12	20	8	24	11	44	8	24
12	17	35	21	14	1	16	11	26	15	15	14	15	21	9	25	12	52	9	25
12	21	20	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0	11	27
12	25	6	23	15	3	17	38	29	18	15	22	23	23	11	27	15	10	13	28
12	29	53	24	16	3	18	25	30	19	15	26	29	24	12	28	16	21	15	29
12	33	38	25	17	4	19	10	1	20	15	30	35	25	13	29	17	27	17	31
12	36	25	26	18	5	19	57	2	21	15	34	41	26	14	30	18	53	19	32
12	40	13	27	19	6	20	43	3	22	15	38	48	27	15	1	20	10	20	3
12	44	0	28	20	7	21	22	4	23	15	42	57	28	15	2	21	28	22	4
12	48	49	29	21	8	22	16	5	24	15	46	6	29	16	3	22	30	24	5
12	52	37	30	22	9	23	4	6	25	15	50	15	30	17	4	23	32	26	6

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen			3	3	Right Asc. of Meridian.			10	11	12	Ascen			3	3					
H.	M.	S.	°	°	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°	°	°					
15	51	15	0	17	4	24	13	26	7	18	0	0	0	0	17	10	0	0	0	0	0					
15	55	25	1	18	5	25	39	28	8	18	4	23	1	18	11	2	53	2	53	2	53					
15	59	36	2	19	6	27	9	29	10	18	8	48	2	19	13	5	46	5	46	5	46					
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	36	8	36	8	36					
16	8	0	4	21	8	Oma 11			2	18	17	26	4	21	16	11	23	11	23	11	23					
16	12	13	5	22	9	1	48	4	13	18	21	48	5	23	18	14	9	2	2	2	2					
16	16	26	6	23	10	3	28	6	14	18	26	9	6	24	20	18	56	18	56	18	56					
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38	21	19	38	21	19				
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	23	16	23	23	16	23	23				
16	29	10	9	26	13	8	44	13	18	18	38	11	9	27	24	24	51	24	51	24	51					
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	24	26	27	24	26	27				
16	37	43	11	28	15	12	31	17	21	18	47	31	11	29	28	29	53	28	29	53	28	29				
16	41	59	12	29	16	14	30	19	23	18	53	11	13	1	29	27	19	27	19	27	19	27				
16	46	16	13	30	17	16	31	21	24	18	56	31	13	2	30	4	40	4	40	4	40	4	40			
16	50	34	14	1	19	18	39	23	25	19	0	30	14	3	3	6	58	6	58	6	58	6	58			
16	54	53	15	2	20	20	49	25	26	19	5	8	15	4	4	9	11	9	11	9	11	9	11			
16	59	10	16	3	21	23	2	27	27	19	9	20	16	5	5	11	21	11	21	11	21	11	21			
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29	13	29	13	29	13	29			
17	7	49	18	5	23	27	41	3	29	19	18	1	18	9	10	15	30	15	30	15	30	15	30			
17	12	9	19	6	25	0	37	3	30	19	23	18	19	10	12	17	29	17	29	17	29	17	29			
17	16	29	20	7	26	2	36	3	3	19	26	34	20	10	14	19	34	19	34	19	34	19	34			
17	20	49	21	8	27	5	9	5	3	19	30	50	21	13	16	21	16	21	16	21	16	21	16	21		
17	25	9	22	9	29	7	44	7	4	19	35	5	23	13	18	23	6	23	6	23	6	23	6	23		
17	29	30	23	10	30	10	22	8	5	19	39	20	23	14	20	24	51	24	51	24	51	24	51			
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	22	28	33	28	33	28	33	28	33			
17	38	12	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12	24	28	12	24	28	12	24		
17	42	34	26	13	4	18	37	14	8	19	53	0	26	18	26	29	49	26	29	49	26	29	49	26	29	
17	46	55	27	14	5	21	25	15	9	19	58	12	27	19	28	11	30	28	11	30	28	11	30	28	11	30
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	7	2	51	2	51	2	51	2	51	2	51	
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	1	4	21	1	4	21	1	4	21	1	4	21
18	0	0	30	17	10	30	0	20	13	20	8	45	30	23	3	5	47	3	5	47	3	5	47	3	5	47

Right Asc. of Meridian.			10	11	12	Ascen II			3	3	Right Asc. of Meridian.			10	11	12	Ascen II			3	3				
H.	M.	S.	°	°	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°	°	°				
20	8	45	0	23	3	5	47	26	13	23	23	8	23	0	3	23	6	58	6	58	6	58			
20	12	54	1	24	5	7	10	28	14	23	13	13	12	1	4	24	7	44	7	44	7	44			
20	17	3	2	25	7	9	33	28	14	23	16	0	2	5	25	8	31	8	31	8	31				
20	21	11	3	27	9	9	50	29	15	23	19	48	3	7	26	9	17	9	17	9	17				
20	25	19	4	28	11	11	7	25	16	23	23	35	4	8	27	10	3	10	3	10	3	10			
20	29	26	5	29	13	13	23	1	17	23	27	23	5	9	28	10	30	10	30	10	30				
20	33	31	6	30	15	15	30	2	18	23	31	8	6	10	11	11	35	11	35	11	35				
20	37	37	7	3	17	14	50	3	19	23	34	54	7	13	1	13	23	1	13	23	1	13			
20	41	41	8	3	18	16	0	4	20	23	38	40	8	13	2	13	6	23	6	23	6	23			
20	45	45	9	4	20	17	8	5	21	23	43	25	9	14	3	13	49	14	49	14	49				
20	49	48	10	6	23	18	16	6	23	23	46	9	10	16	4	14	33	16	33	16	33				
20	53	51	11	7	24	19	23	7	23	23	49	53	11	17	5	15	17	17	15	17	17	15	17		
20	57	53	12	9	26	20	27	7	23	23	53	37	12	18	7	16	6	18	6	18	6	18			
21	1	53	13	10	27	21	30	8	24	23	57	30	13	20	8	16	43	18	43	18	43	18	43		
21	5	53	14	11	28	23	33	9	25	23	1	3	14	21	9	17	26	19	26	19	26	19	26		
21	9	53	15	13	3	23	33	10	26	23	4	46	15	23	10	18	7	20	7	20	7	20			
21	13	53	16	14	3	24	33	11	27	23	8	28	16	23	11	18	49	21	49	21	49	21	49		
21	17	50	17	15	4	25	30	12	27	23	12	10	17	24	13	19	31	22	31	22	31	22	31		
21	21	47	18	17	6	26	28	13	28	23	15	53	18	26	13	20	12	23	12	23	12	23	12	23	
21	25	44	19	18	7	27	24	13	29	23	19	34	19	27	14	20	53	23	53	23	53	23	53		
21	29	40	20	19	8	28	20	14	30	23	23	15	20	28	15	21	34	24	34	24	34	24	34		
21	33	36	21	21	10	29	15	15	1	23	26	56	21	28	16	22	14	28	14	28	14	28	14	28	
21	37	20	22	22	11	30	9	16	2	23	30	37	22	3	17	23	33	17	23	33	17	23	33	17	23
21	41	28	23	23	13	1	3	16	3	23	34	18	23	4	18	24	36	18	24	36	18	24	36	18	24
21	45	16	24	25	15	1	55	17	4	23	37	58	24	5	19	25	13	19	25	13	19	25	13	19	
21	49	9	25	26	16	2	47	18	5	23	41	39	25	6	20	26	53	20	26	53	20	26	53	20	26
21	53	1	26	28	17	3	39	19	5	23	45	19	26	7	21	27	33	21	27	33	21	27	33	21	27
21	56	53	27	29	19	4	30	20	6	23	49	0	27	8	22	28	11	22	28	11	22	28	11	22	
22	0	43	28	30	21	5	18	21	7	23	53	40	28	9	23	29	49	23	29	49	23	29	49	23	29
22	4	39	29	31	22	6	7	22	8	23	56	20	29	10	24	30	37	24	30	37	24	30	37	24	30
22	8	35	30	32	23	7	56	23	9	23	0	0	30	11	25	31	39	25	31	39	25	31	39	25	31

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For 1861.

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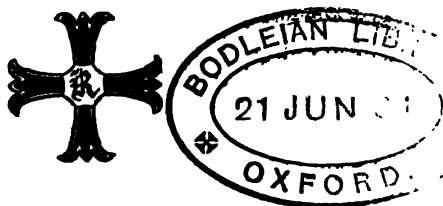
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PRINTED AND PUBLISHED BY THE AUTHOR.
1883.

Price One Shilling.

JANUARY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	16	18	0 8	21 N 45	1 N 45	9 N 41	0 N 58	13 N 39
4	16	18	0 2	21 44	1 45	9 44	0 59	13 44
7	16	18	0 2	21 43	1 46	9 46	1 0	13 49
10	16	18	0 2	21 42	1 47	9 49	1 1	13 55
13	16	18	0 2	21 42	1 48	9 53	1 2	14
16	16	18	0 2	21 41	1 49	9 57	1 2	14 8
19	16	17	0 2	21 40	1 50	10 1	1 3	14 15
22	16	17	0 2	21 40	1 50	10 5	1 3	14 22
25	16	17	0 2	21 40	1 51	10 9	1 4	14 29
28	16	17	0 2	21 39	1 52	10 14	1 4	14 37
31	16	16	0 2	21 39	1 52	10 19	1 5	14 45

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♄ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Tu	18 44 28	11 v 8 11	22 S 59	7 w 10	3 S 42	5 N 27	8 11 51
2	W	18 48 25	12 9 20	22 54	21 21	4 30	0 S 42	8 12 49
3	Th	18 52 21	13 10 30	22 48	5 33	5 3	6 50	8 13 47
4	F	18 56 18	14 11 40	22 42	19 44	5 16	12 36	8 14 45
5	S	19 0 15	15 12 50	22 35	3 m 52	5 11	17 41	8 15 43
6	S	19 4 11	16 14 0	22 28	17 55	4 47	21 46	8 16 41
7	M	19 8 8	17 15 10	22 21	1 50	4 6	24 34	8 17 39
8	Tu	19 12 4	18 16 20	22 13	15 36	3 12	25 51	8 18 37
9	W	19 16 1	19 17 29	22 4	29 10	2 7	25 34	8 19 35
10	Th	19 19 57	20 18 39	21 55	12 v 31	0 57	23 48	8 20 33
11	F	19 23 54	21 19 49	21 46	25 36	0 N 16	20 47	8 21 31
12	S	19 27 50	22 20 58	21 36	8 26	1 26	16 47	8 22 29
13	S	19 31 47	23 22 6	21 26	21 0	2 30	12 8	8 23 28
14	M	19 35 44	24 23 14	21 15	3 20	3 27	7 5	8 24 26
15	Tu	19 39 40	25 24 21	21 4	15 28	4 12	1 51	8 25 25
16	W	19 43 37	26 25 28	20 53	27 27	4 47	3 N 22	8 26 23
17	Th	19 47 33	27 26 33	20 41	9 20	5 8	8 25	8 27 22
18	F	19 51 30	28 27 38	20 29	21 12	5 17	13 10	8 28 20
19	S	19 55 26	29 28 42	20 17	3 7	5 12	17 26	8 29 19
20	S	19 59 23	0 m 29 45	20 4	15 11	4 53	21 4	8 30 18
21	M	20 3 19	1 30 46	19 50	27 27	4 21	23 50	8 31 17
22	Tu	20 7 16	2 31 47	19 37	10 0	3 35	25 31	8 32 16
23	W	20 11 13	3 32 47	19 23	22 54	2 38	25 54	8 33 15
24	Th	20 15 9	4 33 45	19 8	6 5	1 31	24 50	8 34 14
25	F	20 19 6	5 34 43	18 53	19 48	0 17	22 16	8 35 13
26	S	20 23 2	6 35 40	18 38	3 47	1 S 0	18 21	8 36 12
27	S	20 26 59	7 36 36	18 23	18 5	2 15	13 17	8 37 11
28	M	20 30 55	8 37 31	18 7	2 m 35	3 22	17 25	8 38 10
29	Tu	20 34 52	9 38 25	17 51	17 12	4 17	1 7	8 39 9
30	W	20 38 48	10 39 18	17 35	1 49	4 55	5 S 14	8 40 8
31	Th	20 42 45	11 40 10	17 18	16 20	5 13	11 15	8 41 8

JANUARY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	08 19	18 13	1N26	20S29	0N5	23S14	23w24
4	0 15	0 21	1 19	21 6	0S17	23 43	23 14
7	0 12	0N32	1 11	21 38	0 38	24 2	23 5
10	0 9	1 24	1 4	22 4	0 56	24 11	22 55
13	0 6	2 16	0 56	22 24	1 13	24 7	22 46
16	0 3	3 8	0 48	22 39	1 29	23 52	22 36
19	0 0	4 0	0 39	22 47	1 42	23 23	22 26
22	0N3	4 51	0 31	22 49	1 52	22 42	22 17
25	0 7	5 42	0 23	22 45	1 59	21 47	22 7
28	0 10	6 33	0 14	22 35	2 3	20 39	21 58
31	0 13	7 22	0 6	22 18	2 6	19 17	21 48

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	9w24	26Ω24	27x43	9f30	24f7	♀♂♈	Δ	□	♊				□
2	9B23	26B20	28 24	10 44	25 34	♊Δ♄							□
3	9 21	26 16	29 51	11 59	27 2			Δ			♊	*	
4	9 20	26 11	29 46	13 13	28 31		□		*				*
5	9 18	26 7	0τ27	14 27	0w0			*					*
6	9 17	26 3	1 8	15 41	1 29	♊□♊	*		♊		□	Δ	
7	9 15	25 58	1 49	16 55	2 59			♊		□	Δ		♊
8	9 13	25 54	2 30	18 10	4 30				□		Δ		♊
9	9 11	25 49	3 11	19 24	6 1	☉P♀				Δ	□		♊
10	9 9	25 44	3 53	20 39	7 33				Δ				♊
11	9 6	25 39	4 34	21 53	9 5	♊Δ♈	♊						
12	9 3	25 33	5 15	23 7	10 37			Δ			♊	*	
13	9 0	25 27	5 56	24 22	12 10	☉□♈			♊		♊	*	
14	8 57	25 21	6 37	25 36	13 44	☉□♈		□	♊				
15	8 54	25 15	7 18	26 51	15 18	♊□♄							*
16	8 51	25 8	7 59	28 5	16 53		*	*				♊	□
17	8 48	25 2	8 40	29 20	18 28	♊*♈	*	*			♊		□
18	8 45	24 56	9 22	0w34	20 3					Δ			
19	8 42	24 49	10 3	1 49	21 39	♊□♄	□		Δ			Δ	
20	8 39	24 42	10 44	3 3	23 16	♊□♈							
21	8 36	24 36	11 25	4 18	24 54		Δ			□	*		Δ
22	8 33	24 29	12 6	5 32	26 32			♊	□		*		
23	8 29	24 22	12 47	6 47	28 10				*		*		
24	8 26	24 15	13 28	8 1	29 49	♀Δ♈			*			♊	
25	8 22	24 8	14 10	9 16	1w29	♀□♄					□		
26	8 19	24 1	14 51	10 30	3 10		♊	*					♊
27	8 15	23 54	15 32	11 45	4 51					♊	Δ		
28	8 11	23 46	16 13	12 59	6 33	☉Δ♈	☉	□	♊				
29	8 8	23 39	16 54	14 14	8 15	♀Δ♈		Δ				Δ	
30	8 4	23 31	17 38	15 28	9 59			Δ					
31	7 59	23 24	18 16	16 43	11 43	☉♊♊	Δ		*	♊	□	Δ	

FEBRUARY XXVIII DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.		
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	'	"	°	'	°	'	°	'	
1	16	16	08	2	1 N 39	1 N 53	10 N 21	1 N 5	14 N 48
4	16	15	0	2	21 39	1 53	10 26	1 5	14 56
7	16	15	0	2	21 38	1 54	10 31	1 6	15 4
10	16	14	0	2	21 38	1 54	10 37	1 6	15 12
13	16	14	0	2	21 38	1 54	10 42	1 6	15 20
16	16	13	0	2	21 38	1 55	10 48	1 7	15 28
19	16	12	0	2	21 38	1 55	10 53	1 7	15 36
22	16	12	0	1	21 38	1 55	10 59	1 7	15 43
25	16	11	0	1	21 39	1 55	11 5	1 7	15 50
28	16	10	0	1	21 39	1 56	11 10	1 8	15 57

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	☿ Long.	☿ Lat.	☿ Declin.	♂ Long.
		H. M. S.	°	'	°	'	°	'
1	F	20 46 42	12 ^m 41	2 17 S	1 0 ^m 40	5 S 12	16 S 35	8 17
2	S	20 50 38	13 41 52	16 44 14	47	4 52 20	56	8 27
3	S	20 54 35	14 42 42	16 26 28	39	4 15 24	1	8 6
4	M	20 58 31	15 43 31	16 8 12	16	3 24 25	40	8 6
5	Tu	21 2 28	16 44 19	15 50 25	38	2 23 25	47	8 6
6	W	21 6 24	17 45 6	15 8 31	8 ^m 46	1 16 24	26	8 5
7	Th	21 10 21	18 45 52	15 13 21	41	0 6 21	48	8 5
8	F	21 14 17	19 46 36	14 54 4 ^m 25	1 N 4	18	8	8 5
9	S	21 18 14	20 47 20	14 35 16	57	2 9 13	43	8 4
10	S	21 22 11	21 48 2	14 15 29	19	3 7 8	48	8 4
11	M	21 26 7	22 48 42	13 55 11	31	3 56 3	37	8 4
12	Tu	21 30 4	23 49 21	13 35 23	84	4 33 1 N 37	8	8 4
13	W	21 34 0	24 49 59	13 15 5	31	4 58 6	45	8 3
14	Th	21 37 57	25 50 34	12 55 17	23	5 10 11	36	8 3
15	F	21 41 53	26 51 8	12 34 29	15	5 9 16	1	8 3
16	S	21 45 50	27 51 41	12 14 11	8	4 54 19	50	8 3
17	S	21 49 46	28 52 11	11 53 23	9	4 27 22	53	8 D 4
18	M	21 53 43	29 52 39	11 31 5	21	3 47 24	56	8 4
19	Tu	21 57 40	0 ^m 53	6 11 10	17 50	2 56 25	49	8 4
20	W	22 1 36	1 53 31	10 49 0 ^m 39	39	1 54 25	22	8 5
21	Th	22 5 33	2 53 54	10 27 13	53	0 45 23	25	8 5
22	F	22 9 29	3 54 15	10 5 27	35	0 8 29	20	8 5
23	S	22 13 26	4 54 34	9 49 11	Ω 43	1 44 15	37	8 6
24	S	22 17 22	5 54 51	9 21 26	17	2 54 10	2	8 6
25	M	22 21 19	6 55 6	8 59 11	17 ^m 9	3 53 3	47	8 7
26	Tu	22 25 15	7 55 20	8 36 26	13	4 37 2 S 4	8	8 7
27	W	22 29 12	8 55 32	8 14 11	17	5 2 9	6	8 8
28	Th	22 33 9	9 55 43	7 51 26	13	5 6 14	53	8 8

1861.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

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FEBRUARY XXVIII DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 14	7 N 39	0 N 3	22 S 12	2 S 5	18 S 47	21 w 45
4	0 17	8 28	0 S 5	21 47	2 0	17 6	21 35
7	0 20	9 16	0 14	21 17	1 50	15 13	21 26
10	0 23	10 4	0 21	20 41	1 36	13 6	21 16
13	0 25	10 51	0 29	19 59	1 16	10 49	21 7
16	0 28	11 37	0 36	19 12	0 51	8 23	20 57
19	0 30	12 22	0 44	18 20	0 16	5 53	20 48
22	0 32	13 6	0 50	17 23	0 N 24	3 25	20 38
25	0 34	13 49	0 55	16 22	1 4	1 8	20 28
28	0 36	14 32	1 0	15 17	1 48	0 N 49	20 19

D M	h	♃	♄	♀	♅	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌
	° /	° /	° /	° /	° /								
1	7 w 55	23 Q 16	18 r 57	17 w 58	13 m 26								
2	7 R 51	23 R 8	19 38	19 13	15 12		☐		*			*	☐
3	7 47	23 0	20 19	20 28	16 58	♀ ☐ ♂	*	♂	☐				
4	7 43	22 52	21 0	21 42	18 45		*	♂	☐				
5	7 39	22 44	21 41	22 57	20 32	♀ ☐ ♀				Δ	Δ		*
6	7 34	22 36	22 22	24 11	22 20	♂ ♂ ♀				Δ			
7	7 30	22 29	23 3	25 26	24 9	♂ Δ ♀						☐	♂
8	7 25	22 21	23 44	26 40	25 58			Δ					
9	7 21	22 13	24 25	27 55	27 47		♂			♂			
10	7 16	22 5	25 6	29 10	29 37	☉ ♂ ♀						*	♂
11	7 12	21 57	25 48	0 m 25	1 x 26				☐	♂			
12	7 7	21 49	26 29	1 39	3 16								
13	7 2	21 41	27 10	2 54	5 6				*				*
14	6 58	21 33	27 51	4 8	6 55	♂ ♂ ♀					Δ		
15	6 53	21 25	28 32	5 23	8 43	♀ ☐ ♀	*					♂	
16	6 48	21 17	29 12	6 38	10 31					Δ			☐ *
17	6 44	21 9	29 53	7 53	12 17	♀ Δ ♀					☐		☐ *
18	6 39	21 1	0 x 34	9 7	14 2		☐	♂	☐				Δ
19	6 34	20 54	1 15	10 22	15 44	♂ ∠ ♂				*			☐
20	6 29	20 46	1 56	11 36	17 24	☉ * ♂	Δ		*		*		
21	6 25	20 38	2 36	12 51	19 0								Δ
22	6 20	20 31	3 17	14 5	20 33							☐	
23	6 15	20 23	3 58	15 20	22 2				*			♂	
24	6 10	20 16	4 39	16 35	23 26	☉ ♂ ♀				♂			
25	6 5	20 9	5 19	17 50	24 44		♂	☐	♂		Δ		
26	6 1	20 1	6 0	19 4	25 56	☉ ☐ ♀							♂
27	5 55	19 54	6 40	20 19	27 1	♀ ♂ ♀			Δ				
28	5 50	19 47	7 21	21 33	27 59						*		Δ

MARCH XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	08	1 21 N39	1 N56	11 N12	1 N 7	15 N50
4	16	8	0	1 21 40	1 56	11 17	1 7	16
7	16	8	0	1 21 40	1 56	11 23	1 7	16 12
10	16	7	0	1 21 41	1 56	11 28	1 7	16 17
13	16	6	0	1 21 42	1 56	11 33	1 6	16 22
16	16	5	0	1 21 42	1 56	11 38	1 6	16 27
19	16	4	0	1 21 43	1 56	11 42	1 6	16 31
22	16	4	0	1 21 44	1 56	11 47	1 6	16 35
25	16	3	0	1 21 45	1 56	11 51	1 6	16 38
28	16	2	0	1 21 46	1 56	11 55	1 6	16 42
31	16	1	0	1 21 47	1 56	11 58	1 6	16 45

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	F	22 37 5	10 × 55 52	7 S 28	10 m 53	48 50	19 S 41	8 n 9
2	S	22 41 2	11 55 59	7 6 25	11 4	16 23	13 8	10
3	S	22 44 58	12 56 5	6 43 9	f 6	3 28 25	15 8	11
4	M	22 48 55	13 56 9	6 19 22	39	2 29 25	44 8	12
5	Tu	22 52 51	14 56 12	5 56 5	w 49	1 23 24	43 8	13
6	W	22 56 48	15 56 13	5 33 18	41	0 53 22	24 8	14
7	Th	23 0 44	16 56 12	5 10 1	m 19	0 N 15	19 2	15
8	F	23 4 41	17 56 10	4 46 13	45	1 56 14	51 8	16
9	S	23 8 38	18 56 6	4 23 26	1	2 54 10	8 8	17
10	S	23 12 34	19 56 0	3 59 8	× 9	3 42 5	5 8	18
11	M	23 16 31	20 55 52	3 36 20	11	4 21 0	N 6	8 20
12	Tu	23 20 27	21 55 42	3 12 2	r 9	4 47 5	14 8	21
13	W	23 24 24	22 55 30	2 49 14	2	5 11 0	9 8	23
14	Th	23 28 20	23 55 16	2 25 25	54	5 11 4	41 8	24
15	F	23 32 17	24 55 0	2 1 7	8 46	4 49 18	39 8	25
16	S	23 36 13	25 54 42	1 38 19	40	4 24 21	54 8	27
17	S	23 40 10	26 54 21	1 14 1	n 40	3 47 24	13 8	29
18	M	23 44 7	27 53 59	0 50 13	49	3 0 25	27 8	30
19	Tu	23 48 3	28 53 33	0 26 26	13	2 3 25	27 8	32
20	W	23 52 0	29 53 6	0 3 8	57	0 58 24	8 8	33
21	Th	23 55 56	0 r 52 36	0 N 21	22 4	0 S 11	21 28	8 35
22	F	23 59 53	1 52 4	0 45 5	Ω 39	1 22 17	33 8	37
23	S	0 3 49	2 51 29	1 8 19	43	2 31 12	32 8	38
24	S	0 7 46	3 50 53	1 32 4	w 16	3 32 6	40 8	41
25	M	0 11 42	4 50 14	1 55 19	14	4 20 0	17 8	43
26	Tu	0 15 39	5 49 33	2 19 4	△ 29	4 51 6	S 14	8 45
27	W	0 19 36	6 48 50	2 42 19	49	5 11 2	24 8	47
28	Th	0 23 32	7 48 6	3 6 5	m 4	4 49 17	46 8	49
29	F	0 27 29	8 47 19	3 29 20	2	4 18 21	55 8	51
30	S	0 31 25	9 46 30	3 53 4	f 37	3 31 24	32 8	53
31	S	0 35 22	10 45 39	4 16 18	43	2 32 25	30 8	55

MARCH XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 37	14 N 46	1 S 2	14 S 54	2 N 1	1 N 23	20 w 15
4	0 39	15 26	1 7	13 44	2 40	2 39	20 6
7	0 40	16 6	1 12	12 31	3 11	3 16	19 56
10	0 42	16 44	1 16	11 14	3 30	3 11	19 47
13	0 44	17 22	1 20	9 55	3 38	2 26	19 37
16	0 46	17 57	1 23	8 33	3 20	1 10	19 28
19	0 47	18 32	1 25	7 9	2 53	0 S 22	19 18
22	0 48	19 5	1 26	5 43	2 16	1 55	19 9
25	0 49	19 37	1 27	4 16	1 26	3 15	18 59
28	0 51	20 7	1 27	2 48	0 38	4 16	18 50
31	0 52	20 36	1 28	1 20	0 S 4	4 54	18 41

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♄	♂	♀	♊
	° /	° /	° /	° /	° /								
1	5 m 46	19 Ω 40	8 s 2	22 m 48	28 x 50		Δ		*		♂		
2	5 R 41	19 R 33	8 42	24 2	29 33				*	□		□	Δ
3	5 36	19 26	9 22	25 16	0 r 6		□	♂	□				
4	5 32	19 20	10 3	26 31	0 30					Δ		*	
5	5 27	19 13	10 43	27 46	0 45				Δ		Δ		□
6	5 22	19 6	11 23	29 0	0 52		*						
7	5 17	19 0	12 3	0 x 15	0 R 48								*
8	5 13	18 54	12 44	1 30	0 36	♂ P ♄		Δ		♂	□		
9	5 8	18 48	13 25	2 45	0 17								
10	5 4	18 42	14 5	3 59	29 50	♂ ♄ ♂	□	♂				♂	
11	4 59	18 37	14 46	5 14	29 15	♀ ♂ ♈	♂	*			*		♂
12	4 55	18 31	15 27	6 28	28 35			*					
13	4 50	18 26	16 7	7 43	27 49					Δ			
14	4 46	18 20	16 48	8 57	26 58	♀ □ ♈							
15	4 41	18 15	17 28	10 12	26 4				Δ		*		
16	4 37	18 10	18 8	11 26	25 8	☉ ♂ ♀	*			□	♂	*	
17	4 32	18 5	18 48	12 41	24 12			*		□			
18	4 28	18 0	19 29	13 55	23 17			♂		*		□	
19	4 24	17 56	20 9	15 10	22 24		□						□
20	4 20	17 51	20 49	16 24	21 33	♀ * ♂			*				
21	4 16	17 47	21 29	17 39	20 46						*	Δ	Δ
22	4 12	17 43	22 9	18 53	20 3	♂ ♂ ♀	Δ	*			*	Δ	Δ
23	4 8	17 39	22 49	20 7	19 25	☉ □ ♄				♂	□		
24	4 4	17 35	23 29	21 21	18 52			□	♂				
25	4 0	17 32	24 9	22 36	18 26						Δ	♂	♂
26	3 56	17 29	24 49	23 50	18 5		♂	Δ					
27	3 52	17 26	25 29	25 5	17 50					*			
28	3 49	17 22	26 9	26 19	17 40	♀ * ♂			*				
29	3 45	17 20	26 49	27 34	17 37	☉ * ♈				□	♂		Δ
30	3 42	17 17	27 29	28 48	17 D 37		Δ	♂	□			Δ	
31	3 39	17 14	28 9	0 r 2	17 45					Δ			□

APRIL XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	2	08	1	21	N47	1 N 6	16 N44
4	16	1	0	1	21	48	1 6	16 45
7	16	0	0	1	21	49	1 5	16 46
10	15	59	0	1	21	51	1 5	16 45
13	15	58	0	1	21	52	1 5	16 46
16	15	58	0	1	21	53	1 4	16 46
19	15	57	0	1	21	54	1 4	16 44
22	15	56	0	1	21	56	1 3	16 43
25	15	55	0	1	21	57	1 3	16 42
28	15	55	0	1	21	59	1 3	16 36

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♃ Long.	♃ Lat.	♃ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	M	0 39 18	11 r 44 47	4 N 89	2 w 21	18 26	24 8 52	8 n 57
2	Tu	0 43 15	12 43 53	5	2 15 33	0 17 22	50	8 59
3	W	0 47 11	13 42 57	5	25 28 27	0 N 50	19 41	9 2
4	Th	0 51 8	14 42 0	5	48 10 m 52	1 54 15	42	9 4
5	F	0 55 4	15 41 0	6	11 23 8	2 50 11	8	9 7
6	S	0 59 1	16 39 59	6	33 5 x 15	3 39 6	12	9 9
7	S	1 2 58	17 38 56	6	56 17 14	4 17 1	6	9 12
8	M	1 6 54	18 37 52	7	18 29 9	4 43 3	N 59	9 14
9	Tu	1 10 51	19 36 45	7	41 11 r 1	4 57 8	55	9 17
10	W	1 14 47	20 35 36	8	3 22 53	4 58 13	31	9 19
11	Th	1 18 44	21 34 25	8	25 4 b 46	4 46 17	36	9 22
12	F	1 22 40	22 33 13	8	47 16 41	4 22 21	1	9 24
13	S	1 26 37	23 31 58	9	28 39 3	4 45 23	32	9 27
14	S	1 30 33	24 30 40	9	30 10 n 43	2 59 25	1	9 30
15	M	1 34 30	25 29 21	9	52 22 56	2 3 25	19	9 32
16	Tu	1 38 27	26 28 0	10	13 5 s 21	1 1 24	22	9 35
17	W	1 42 23	27 26 36	10	34 18 3	0 8 6	22	9 38
18	Th	1 46 20	28 25 10	10	55 1 Q 5	1 14 18	44	9 41
19	F	1 50 16	29 23 42	11	16 14 33	2 20 14	14	9 44
20	S	1 54 13	0 b 22 11	11	37 28 27	3 21 8	53	9 47
21	S	1 58 9	1 20 39	11	57 12 w 50	4 11 2	53	9 50
22	M	2 2 6	2 19 4	12	17 27 38	4 45 3	8 25	9 53
23	Tu	2 6 2	3 17 28	12	37 12 a 45	5 1 9	39	9 56
24	W	2 9 59	4 15 49	12	57 28 8	4 55 15	23	9 59
25	Th	2 13 56	5 14 9	13	17 13 m 20	4 29 20	7	10 2
26	F	2 17 52	6 12 26	13	36 28 25	3 44 23	27	10 3
27	S	2 21 49	7 10 43	13	55 13 f 9	2 45 25	7	10 5
28	S	2 25 45	8 8 57	14	14 27 25	1 37 25	2	10 11
29	M	2 29 42	9 7 10	14	33 11 w 12	0 25 23	24	10 14
30	Tu	2 33 38	10 5 21	14	51 24 31	0 N 46	20	10 17

APRIL XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "	
1	0 N 53	20 N 46	1 S 28	0 S 50	0 S 18	5 S 2	18 w 38
4	0 54	21 12	1 27	0 N 39	0 57	5 10	18 28
7	0 55	21 38	1 25	2 9	1 27	4 58	18 19
10	0 57	22 1	1 23	3 38	1 54	4 27	18 9
13	0 58	22 23	1 21	5 6	2 15	3 39	17 59
16	0 58	22 44	1 18	6 34	2 30	2 36	17 50
19	0 59	23 2	1 14	8 0	2 40	1 19	17 40
22	1 0	23 19	1 10	9 25	2 44	0 N 10	17 31
25	1 1	23 35	1 6	10 47	2 46	1 50	17 21
28	1 2	23 48	1 1	12 8	2 41	3 41	17 12

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° ' "	° ' "	° ' "	° ' "	° ' "		° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	3 w 36	17 Q 12	28 x 49	1 r 16	17 * 57				Δ		□	*
2	3 B 33	17 R 10	29 29	2 31	18 15	♀ ☿ ♄	□					*
3	3 30	17 8	0 □ 9	3 45	18 37					Δ	*	
4	3 27	17 7	0 49	5 0	19 4		* Δ					
5	3 24	17 5	1 28	6 14	19 36				♂			
6	3 21	17 4	2 8	7 29	20 12	☉ Δ ♄	□	♂		□		
7	3 18	17 3	2 47	8 43	20 51	♀ * ☿	☿					♈
8	3 15	17 2	3 27	9 57	21 34	♂ □ ♈				*		♈
9	3 13	17 1	4 7	11 12	22 21			*			♈	
10	3 11	17 1	4 47	12 26	23 11		♈			Δ		
11	3 8	17 1	5 26	13 40	24 6				Δ	□		
12	3 6	17 0	6 6	14 54	25 0							
13	3 4	17 0	6 45	16 9	26 1				□			*
14	3 2	17 D 1	7 25	17 23	27 3	♀ Δ ♈	♈			♈		
15	3 0	17 1	8 5	18 37	28 8		*			*	*	□
16	2 58	17 1	8 45	19 51	29 15				*			
17	2 56	17 2	9 24	21 5	0 r 25	♂ ☿ ☿	☿				□	
18	2 54	17 3	10 4	22 19	1 37		□					Δ
19	2 52	17 4	10 43	23 33	2 51			*		♈	*	
20	2 50	17 5	11 22	24 47	4 8	♀ ♄ ☿	Δ	♈			Δ	
21	2 48	17 7	12 1	26 1	5 27			□			□	
22	2 47	17 9	12 41	27 15	6 48	☉ Δ ♈	♈					♈
23	2 46	17 11	13 20	28 29	8 11	♀ ♄ ♂		Δ		*	Δ	
24	2 45	17 13	14 0	29 43	9 36	♀ * ☿	♈		*		♈	
25	2 44	17 15	14 39	0 x 57	11 3					□		
26	2 44	17 17	15 18	2 11	12 32	♀ Δ ♈			□			
27	2 43	17 19	15 57	3 25	14 3			♈		Δ	♈	Δ
28	2 43	17 22	16 37	4 39	15 36				Δ			
29	2 42	17 25	17 16	5 54	17 10	♀ Δ ♄	Δ					Δ
30	2 42	17 28	17 55	7 8	18 46							□

MAY XXXI DAYS.

D M	Sun's		Herschel.		Saturn.		Jupiter.	
	Semidia.		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	52	08	1	1 N53	12 N17	1 N 3	16 N35
4	15	52	0	1	1 53	12 16	1 3	16 31
7	15	51	0	1	1 53	12 16	1 2	16 27
10	15	51	0	1	1 52	12 15	1 2	16 22
13	15	50	0	1	1 52	12 14	1 1	16 17
16	15	49	0	1	1 51	12 12	1 1	16 12
19	15	49	0	1	1 50	12 10	1 1	16 6
22	15	48	0	1	1 49	12 8	1 1	16 0
25	15	48	0	1	1 49	12 5	1 0	15 53
28	15	47	0	1	1 48	12 3	1 0	15 46
31	15	47	0	1	1 48	11 59	1 0	15 38

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♃ Long.	♃ Lat.	♃ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	W	2 37 35	11 8 3 31	15 N 9	7 24	1 N52	16 S38	10 20
2	Th	2 41 32	12 1 40	15 27	19 56	2 51	12 9	10 23
3	F	2 45 28	12 59 47	15 45	2 11	3 40	7 16	10 26
4	S	2 49 25	13 57 53	16 3	14 14	4 19	2 13	10 29
5	S	2 53 21	14 55 57	16 20	26 10	4 46	2 N51	10 32
6	M	2 57 18	15 54 0	16 37	8 2	5 1	7 48	10 35
7	Tu	3 1 14	16 52 1	16 53	19 53	5 3	12 27	10 39
8	W	3 5 11	17 50 1	17 10	1 46	4 51	16 39	10 42
9	Th	3 9 7	18 48 0	17 26	13 41	4 27	20 12	10 45
10	F	3 13 4	19 45 57	17 42	25 42	5 51	22 56	10 48
11	S	3 17 0	20 43 52	17 57	7 49	3 4	24 39	10 52
12	S	3 20 57	21 41 46	18 12	20 3	3 8	25 12	10 55
13	M	3 24 54	22 39 38	18 27	25 26	1 5	24 31	10 59
14	Tu	3 28 50	23 37 28	18 42	15 1	0 8	22 34	11 2
15	W	3 32 47	24 35 17	18 56	27 50	1 11	19 27	11 6
16	Th	3 36 43	25 33 4	19 10	10 57	2 17	15 18	11 9
17	F	3 40 40	26 30 49	19 23	24 23	3 18	10 18	11 13
18	S	3 44 36	27 28 33	19 37	8 10	4 9	4 40	11 17
19	S	3 48 33	28 26 15	19 50	22 21	4 46	1 S20	11 20
20	M	3 52 29	29 23 55	20 2	6 53	5 6	7 25	11 24
21	Tu	3 56 26	0 21 34	20 15	21 43	5 6	13 11	11 27
22	W	4 0 23	1 19 12	20 26	6 43	4 45	18 15	11 31
23	Th	4 4 19	2 16 48	20 38	21 45	4 5	22 9	11 34
24	F	4 8 16	3 14 23	20 49	6 39	3 8	24 32	11 38
25	S	4 12 12	4 11 56	21 0	21 18	2 0	25 10	11 41
26	S	4 16 9	5 9 29	21 11	5 34	0 46	24 6	11 45
27	M	4 20 5	6 7 12	21 21	19 24	0 N29	21 34	11 48
28	Tu	4 24 2	7 4 31	21 31	2 48	1 40	17 55	11 52
29	W	4 27 59	8 2 12	21 40	15 47	2 44	13 30	11 55
30	Th	4 31 55	8 59 30	21 49	28 23	3 38	8 38	11 59
31	F	4 35 52	9 56 58	21 58	10 41	4 21	3 33	12 2

MAY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 3	24 N 0	0 S 56	13 N 25	2 S 30	5 N 40	17 w 2
4	1 3	24 10	0 50	14 40	2 16	7 49	16 52
7	1 4	24 18	0 44	15 52	1 56	9 59	16 43
10	1 4	24 25	0 38	17 0	1 32	12 16	16 33
13	1 5	24 29	0 31	18 4	1 5	14 35	16 24
16	1 5	24 32	0 24	19 4	0 36	16 51	16 14
19	1 6	24 33	0 17	19 59	0 4	19 1	16 5
22	1 6	24 33	0 10	20 50	0 N 34	20 59	15 55
25	1 7	24 30	0 3	21 35	0 58	22 39	15 46
28	1 7	24 26	0 N 4	22 15	1 24	23 53	15 36
31	1 7	24 21	0 11	22 50	1 44	24 52	15 27

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♄	♅	♀	♁
	° /	° /	° /	° /	° /							
1	2 w 41	17 Ω 31	18 □ 34	8 s 22	20 r 25		☐	Δ			☐	
2	2 E 41	17 35 19	13 9	36 22	5				♄	Δ		*
3	2 41	17 39 19	52 10	50 23	47				♄			
4	2 40	17 43 20	31 12	4 25	31	☿ ∠ ☿	*	☐				*
5	2 D 41	17 47 21	10 13	18 27	17							
6	2 41	17 51 21	50 14	32 29	5	☉ P ♄		*				
7	2 41	17 55 22	29 15	46 08	54					Δ	*	
8	2 42	17 59 23	8 16	59 2	46	☉ ☐ ♄			Δ			♄
9	2 42	18 4 23	47 18	13 4	40	♀ ☐ ♄	♄			☐	♄	♄
10	2 43	18 9 24	26 19	27 6	35							
11	2 43	18 14 25	5 20	41 8	32	☉ ☿ ♄		♄	☐		♄	
12	2 44	18 19 25	44 21	55 10	31	☿ ∠ ♄				*	♄	
13	2 44	18 24 26	23 23	9 12	32				*			
14	2 45	18 29 27	2 24	23 14	35							*
15	2 46	18 34 27	40 25	37 16	39	☿ P ♄	*				*	
16	2 48	18 40 28	19 26	51 18	45	☿ ☐ ♄		*				
17	2 49	18 46 28	58 28	5 20	52		☐			♄	*	☐
18	2 50	18 52 29	37 29	18 23	0	☉ P ☿		☐	♄			☐
19	2 52	18 58 05	16 0	32 25	10		Δ					Δ
20	2 53	19 5 0	55 1	46 27	21			Δ			☐	^
21	2 55	19 11 1	34 2	59 29	32	♀ ☐ ♄				*		
22	2 56	19 18 2	12 4	13 1	43	☉ ☿ ☿			*		Δ	
23	2 58	19 28 2	51 5	27 3	55	☿ ☐ ♄				☐		
24	3 0	19 32 3	30 6	41 6	7	☉ ☐ ♄	♄	♄		☐		♄
25	3 3	19 39 4	9 7	55 8	18					Δ		
26	3 5	19 46 4	47 9	9 10	29	♄ ∠ ♄			Δ		♄	
27	3 7	19 53 5	26 10	22 12	39	☿ ☿ ☿						
28	3 10	20 0 6	5 11	36 14	47	♀ ☿ ☿	Δ					
29	3 13	20 7 6	43 12	50 16	55			Δ			♄	Δ
30	3 15	20 15 7	22 14	4 19	0				♄			
31	3 18	20 23 8	0 15	18 21	4	☿ * ♄	☐	☐			Δ	☐

JUNE XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	48	0 8	0 22 N 15	1 N 48	11 N 58	0 N 59	15 N 36
4	15	48	0 0	0 22 16	1 48	11 55	0 59	15 28
7	15	47	0 0	0 22 18	1 47	11 51	0 59	15 19
10	15	47	0 0	0 22 19	1 47	11 47	0 59	15 11
18	15	47	0 0	0 22 20	1 47	11 42	0 58	15 2
16	15	46	0 0	0 22 21	1 47	11 37	0 58	14 52
19	15	46	0 0	0 22 23	1 46	11 32	0 58	14 42
22	15	46	0 0	0 22 24	1 46	11 27	0 58	14 32
25	15	46	0 0	0 22 26	1 46	11 22	0 57	14 22
28	15	46	0 0	0 22 27	1 46	11 16	0 57	14 11
D M	D W	Sidereal Time. H. M. S.	☉ Long. ° ' "	☉ Declin ° ' "	♃ Long. ° ' "	♃ Lat. ° ' "	♃ Declin ° ' "	♃ Long. ° ' "
1	S	4 39 48	10 54 26	22 N 6	22 47	4 N 51	1 N 35	12 6
2	S	4 43 45	11 51 53	22 14	4 43	5 8	6 35	12 9
3	M	4 47 41	12 49 19	22 21	16 35	5 11	11 19	12 13
4	Tu	4 51 38	13 46 44	22 28	28 27	5 2	15 38	12 16
5	W	4 55 35	14 44 9	22 35	10 22	4 39	19 21	12 20
6	Th	4 59 31	15 41 34	22 41	22 23	4 4	22 19	12 23
7	F	5 3 27	16 38 57	22 47	4 31	3 18	24 18	12 27
8	S	5 7 24	17 36 20	22 53	16 50	2 21	25 9	12 30
9	S	5 11 21	18 33 42	22 58	29 18	1 18	24 45	12 34
10	M	5 15 17	19 31 3	23 3	11 59	0 7	23 4	12 37
11	Tu	5 19 14	20 28 23	23 7	24 51	1 8	22 10	12 41
12	W	5 23 10	21 25 43	23 11	7 57	2 10	16 12	12 44
13	Th	5 27 7	22 23 1	23 14	21 17	3 13	11 22	12 48
14	F	5 31 3	23 20 19	23 17	4 52	4 6	5 55	12 51
15	S	5 35 0	24 17 36	23 20	18 43	4 46	0 5	12 55
16	S	5 38 57	25 14 52	23 22	2 43	5 10	5 51	12 58
17	M	5 42 53	26 12 7	23 24	17 6	5 15	11 34	13 2
18	Tu	5 46 50	27 9 21	23 26	1 36	5 0	16 43	13 5
19	W	5 50 46	28 6 35	23 27	16 12	4 26	20 56	13 9
20	Th	5 54 43	29 3 48	23 27	0 48	3 34	23 50	13 12
21	F	5 58 39	0 1 1	23 27	15 20	2 29	25 7	13 16
22	S	6 2 36	0 58 13	23 27	29 39	1 16	24 43	13 19
23	S	6 6 32	1 55 25	23 27	13 43	0 N 1	22 44	13 23
24	M	6 10 29	2 52 37	23 26	27 26	1 16	19 27	13 26
25	Tu	6 14 26	3 49 48	23 24	10 47	2 25	15 13	13 30
26	W	6 18 22	4 47 0	23 22	23 46	3 25	10 23	13 33
27	Th	6 22 19	5 44 11	23 20	6 25	4 13	5 15	13 37
28	F	6 26 15	6 41 22	23 17	18 46	4 48	0 2	13 40
29	S	6 30 12	7 38 34	23 14	0 54	5 9	5 N 5	13 43
30	S	6 34 9	8 35 46	23 11	12 52	5 17	9 56	13 46

JUNE XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 8	24 N 18	0 N 14	23 N 0	1 N 49	25 N 5	15 w 24
4	1 8	24 10	0 21	23 26	2 0	25 27	15 14
7	1 8	24 0	0 28	23 46	2 6	25 28	15 5
10	1 9	23 49	0 35	24 0	2 2	25 9	14 55
13	1 9	23 36	0 41	24 8	1 55	24 34	14 45
16	1 9	23 21	0 47	24 9	1 41	23 47	14 36
19	1 10	23 5	0 53	24 4	1 20	22 50	14 26
22	1 10	22 47	0 59	23 52	0 54	21 46	14 17
25	1 10	22 28	1 5	23 34	0 21	20 39	14 7
28	1 11	22 7	1 10	23 10	0 S 15	19 30	13 58

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	3 w 21	20 Ω 31	8 Ω 39	16 Π 32	23 Π 6	☉ ♂ ♄								☐
2	3 24	20 38	9 18	17 45	25 6								☐	
3	3 27	20 46	9 56	18 59	27 3		*	*		Δ		*	*	
4	3 30	20 54	10 35	20 13	28 58				Δ					*
5	3 33	21 3	11 13	21 27	0 Ω 51	♀ * ♄						*		
6	3 36	21 11	11 52	22 40	2 42						☐			
7	3 39	21 20	12 30	23 54	4 58	♀ * ♈				☐		*		
8	3 43	21 29	13 9	25 7	6 15		♈	♈		*				
9	3 46	21 37	13 47	26 21	7 58	♀ P ♂			*			♈	♈	♈
10	3 50	21 46	14 26	27 35	9 38							♈		
11	3 53	21 55	15 4	28 48	11 16									
12	3 57	22 4	15 43	0 Ω 2	12 51			*						
13	4 1	22 13	16 21	1 15	14 24	☉ * ♄	*			♈				
14	4 5	22 22	17 0	2 29	15 54				♈			*	*	
15	4 9	22 31	17 38	3 43	17 21	♀ ♂ ♂	☐	☐				*	*	
16	4 13	22 41	18 16	4 56	18 45	♀ ♏ ♈						*	☐	
17	4 17	22 50	18 54	6 10	20 7			Δ		*		☐		☐
18	4 22	23 0	19 33	7 24	21 26	♀ ♏ ♄	Δ		*			☐	Δ	
19	4 26	23 10	20 11	8 37	22 42					☐		☐	Δ	Δ
20	4 30	23 20	20 50	9 51	23 56				☐					
21	4 35	23 30	21 28	11 4	25 6			♈		Δ	Δ			
22	4 39	23 40	22 6	12 18	26 14			♈						
23	4 44	23 50	22 44	13 32	27 18								♈	
24	4 49	24 0	23 23	14 35	28 19	♀ ♏ ♄						♈		♈
25	4 54	24 11	24 1	15 59	29 17	♈ P ♄		Δ						
26	4 59	24 21	24 39	17 13	0 Ω 11	☉ * ♈					♈			
27	5 4	24 32	25 17	18 26	1 3		Δ		♈					
28	5 9	24 42	25 56	19 40	1 51			☐					Δ	
29	5 14	24 53	26 34	20 53	2 35								Δ	Δ
30	5 19	25 3	27 12	22 7	3 15	☉ P ♈	☐	*						

JULY XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	15	45	08	0	22	N28	1	N45
4	15	45	0	0	22	29	1	45
7	15	45	0	0	22	30	1	45
10	15	45	0	0	22	32	1	45
13	15	45	0	0	22	33	1	45
16	15	46	0	0	22	34	1	44
19	15	46	0	0	22	35	1	44
22	15	46	0	0	22	36	1	44
25	15	46	0	0	22	37	1	44
28	15	47	0	0	22	38	1	44
31	15	47	0	0	22	38	1	44

D	D	Sidereal	☉	☉	♄	♄	♄	♃
M	W	Time.	Long.	Declin	Long.	Lat.	Declin	Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	M	6 38 5	9 53 32	58 23 N	7 24 45	5 N11	14 N24	13 50
2	Tu	6 42 1	10 30 10	23 3	6 39	4	51 18	19 13
3	W	6 45 58	11 27 23	22 58	18 36	4	20 21	32 13
4	Th	6 49 55	12 24 35	22 53	0 41	3	36 23	49 14
5	F	6 53 51	13 21 48	22 47	12 57	2	42 25	2 14
6	S	6 57 48	14 19 22	41 25	26 1	39 25	1	14 6
7	S	7 1 44	15 16 22	35 8	10 0	30 23	42	14 9
8	M	7 5 41	16 13 29	22 28	21 10	0 42	21	6 14
9	Tu	7 9 37	17 10 43	22 21	4 26	1	53 17	20 14
10	W	7 13 34	18 7 57	22 14	17 56	2	59 12	37 14
11	Th	7 17 30	19 5 11	22 6	1 39	3	56 7	13 14
12	F	7 21 27	20 2 25	21 58	15 34	4	40 1	24 14
13	S	7 25 24	20 59 39	21 49	29 37	5	7 48	33 14
14	S	7 29 20	21 56 53	21 40	13 46	5	16 10	18 14
15	M	7 33 17	22 54 8	21 31	28 0	5	6 15	32 14
16	Tu	7 37 13	23 51 23	21 12	15 15	4	38 19	56 14
17	W	7 41 10	24 48 37	21 11	26 30	3	52 23	8 14
18	Th	7 45 6	25 45 52	21 0	10 40	2	52 24	54 14
19	F	7 49 3	26 43 7	20 50	24 44	1	42 25	3 14
20	S	7 52 59	27 40 23	20 39	8 37	0	27 23	38 14
21	S	7 56 56	28 37 39	20 27	22 19	0	N48 20	49 14
22	M	8 0 53	29 34 55	20 15	5 44	2	0 16	55 14
23	Tu	8 4 49	0 32 12	20 3	18 54	3	3 12	16 14
24	W	8 8 46	1 29 30	19 51	1 46	3	55 7	11 15
25	Th	8 12 42	2 26 49	19 38	14 22	4	35 1	56 15
26	F	8 16 39	3 24 9	19 25	26 42	5	1 3	N18 15
27	S	8 20 35	4 21 29	19 11	8 49	5	13 8	18 15
28	S	8 24 32	5 18 51	18 57	20 48	5	12 12	56 15
29	M	8 28 28	6 16 14	18 43	2 42	4	57 17	3 15
30	Tu	8 32 25	7 13 38	18 29	14 35	4	29 20	30 15
31	W	8 36 22	8 11 3	18 14	26 32	3	49 23	7 15

JULY XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 11	21 N 45	1 N 15	22 N 40	0 S 56	18 N 24	13 w 48
4	1 11	21 22	1 18	22 3	1 38	17 22	13 39
7	1 11	20 57	1 22	21 21	2 24	16 27	13 29
10	1 11	20 30	1 25	20 34	3 2	15 43	13 20
13	1 11	20 3	1 28	19 41	3 49	15 13	13 10
16	1 11	19 34	1 30	18 43	4 20	14 58	13 0
19	1 11	19 4	1 31	17 41	4 47	15 0	12 51
22	1 10	18 33	1 32	16 35	4 53	15 17	12 41
25	1 10	18 1	1 32	15 24	4 52	15 47	12 32
28	1 10	17 27	1 31	14 10	4 38	16 27	12 22
31	1 10	16 53	1 31	12 52	3 58	17 10	12 13

D M	h	♄	♂	♀	♂	Mutual	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♄	♂	♀
	° /	° /	° /	° /	° /							
1	5 w 24	25 Ω 14	27 Ω 50	23 Ω 20	3 Ω 52							
2	5 29 25	25 28	29 24	34 4	25	☉ ∠ ♄	*		Δ			□
3	5 34 25	36 29	7 25	47 4	52							
4	5 39 25	47 29	45 27	1 5	16				□	□	*	*
5	5 45 25	58 0	Ω 23	28 14	5 35			♂			*	*
6	5 50 26	9 1	1 29	28 5	50					*		
7	5 56 26	21 1	39 0	Ω 41	6 1	☉ P ♄				*		
8	6 2 26	32 2	18 1	55 6	8		♂					
9	6 8 26	44 2	56 3	8 6	7	♀ ∠ ♂					♂	♂
10	6 14 26	55 3	34 4	22 6	4			*				
11	6 20 27	6 4	12 5	35 5	55	♀ ∠ ♀			♂	♂		
12	6 26 27	18 4	50 6	49 5	42		*	□				
13	6 32 27	29 5	28 8	2 5	24	♀ ∠ ♂					*	*
14	6 38 27	41 6	7 9	16 5	2	☉ ∠ ♈		Δ			*	*
15	6 44 27	52 6	45 10	29 4	36		□			*		□
16	6 50 28	4 7	23 11	43 4	6				*		□	□
17	6 56 28	16 8	1 12	56 3	32		Δ			*	□	Δ
18	7 3 28	28 8	39 14	10 2	55	♀ * ♄		♂	□		Δ	Δ
19	7 10 28	40 9	17 15	23 2	16				Δ			
20	7 17 28	52 9	55 16	37 1	35				Δ			
21	7 23 29	4 10	33 17	50 0	53							
22	7 30 29	16 11	12 19	3 0	11	☉ ∠ ♀	♂				♂	♂
23	7 37 29	20 11	50 20	16 29	Ω 30			Δ				♂
24	7 43 29	40 12	28 21	30 28	49				♂	♂		
25	7 49 29	53 13	6 22	43 28	9			□				
26	7 56 30	0 w 5	13 44	23 57	27							Δ
27	8 3 0	17 14	22 25	10 26	58		Δ	*				
28	8 10 0	29 15	0 26	23 26	29	♄ * ♂		*			Δ	□
29	8 16 0	41 15	38 27	36 26	4		□		Δ	Δ		Δ
30	8 23 0	54 16	16 28	50 25	44	♂ P ♂					□	*
31	8 29 1	6 16	54 0 w	3 25	29				□			*

AUGUST XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
	'	"	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
1	15	48	0 8	0 22 N39	1 N43	9 N57	0 N56	11 N53
4	15	48	0 0	22 39	1 43	9 49	0 56	11 40
7	15	49	0 0	22 40	1 43	9 41	0 56	11 26
10	15	49	0 0	22 41	1 43	9 34	0 56	11 12
13	15	50	0 0	22 42	1 43	9 25	0 56	10 58
16	15	50	0 0	22 42	1 43	9 16	0 56	10 44
19	15	51	0 0	22 43	1 43	9 8	0 56	10 30
22	15	51	0 0	22 43	1 43	8 59	0 56	10 16
25	15	52	0 N 1	22 44	1 43	8 51	0 56	10 2
28	15	53	0 1	22 44	1 43	8 42	0 56	9 47
31	15	53	0 1	22 45	1 43	8 34	0 56	9 33

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♄ Long.	♄ Lat.	♄ Declin	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	Th	8 40 18	9 2 8 29	17 N59	8 11 39	2 N59	24 N43	15 11 13
2	F	8 44 15	10 5 57	17 44	20 58	2 0 25	9 15	15 22
3	S	8 48 11	11 8 25	17 28	3 35	0 53	24 18	15 24
4	S	8 52 8	12 0 55	17 12	16 32	0 8 17	22 9	15 26
5	M	8 56 4	12 58 26	16 56	29 49	1 29	18 45	15 29
6	Tu	9 0 1	13 55 58	16 40	13 27	2 37	14 17	15 31
7	W	9 3 58	14 53 31	16 23	27 24	3 37	8 59	15 33
8	Th	9 7 54	15 51 6	16 6	11 35	4 25	3 8	15 35
9	F	9 11 51	16 48 41	15 49	25 55	4 57	2 8 56	15 37
10	S	9 15 47	17 46 17	15 31	10 21	5 11	8 51	15 39
11	S	9 19 44	18 43 51	15 13	34 45	5 4	14 19	15 41
12	M	9 23 40	19 41 32	14 55	9 4	4 40	18 56	15 43
13	Tu	9 27 37	20 39 11	14 37	23 15	3 58	22 26	15 45
14	W	9 31 33	21 36 51	14 19	7 17	3 24	32 15	15 47
15	Th	9 35 30	22 34 32	14 0	21 7	1 56	25 5	15 49
16	F	9 39 26	23 32 14	13 41	4 47	0 41	24 7	15 51
17	S	9 43 23	24 29 57	13 22	18 15	0 N 28	31 45	15 53
18	S	9 47 20	25 27 42	13 8	1 31	1 39	18 14	15 55
19	M	9 51 16	26 25 27	12 43	14 36	2 42	13 53	15 57
20	Tu	9 55 13	27 23 14	12 23	27 28	3 37	8 58	15 59
21	W	9 59 9	28 21 2	12 3	10 7	4 19	3 47	16 0
22	Th	10 3 6	29 18 52	11 43	22 34	4 49	1 N 26	16 1
23	F	10 7 2	0 16 44	11 23	4 48	5 4	6 34	16 3
24	S	10 10 59	1 14 37	11 2	16 53	5 6	11 20	16 4
25	S	10 14 55	2 12 32	10 42	28 49	4 54	15 38	16 5
26	M	10 18 52	3 10 28	10 21	10 41	4 30	19 15	16 7
27	Tu	10 22 49	4 8 26	10 0	22 33	3 54	22 11	16 8
28	W	10 26 45	5 6 27	9 39	4 28	3 8	24 8	16 9
29	Th	10 30 42	6 4 29	9 17	16 33	2 13	24 58	16 11
30	F	10 34 38	7 2 33	8 56	28 52	1 10	24 37	16 12
31	S	10 38 35	8 0 39	8 34	11 30	0 3	23 1	16 13

AUGUST XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° ,	° ,	° ,	° ,	° ,	° ,	° ,
1	1 N 10	16 N 41	1 N 30	12 N 26	8 S 40	17 N 25	12 w 10
4	1 9	16 6	1 28	11 4	8 6	18 7	12 0
7	1 9	15 29	1 26	9 40	8 10	18 42	11 51
10	1 9	14 51	1 23	8 14	1 14	19 4	11 41
13	1 9	14 13	1 19	6 46	0 32	19 10	11 32
16	1 8	13 34	1 14	5 16	0 N 8	18 54	11 22
19	1 8	12 54	1 9	3 45	0 45	18 13	11 13
22	1 8	12 13	1 3	2 13	1 12	17 8	11 3
25	1 8	11 32	0 57	0 40	1 32	15 39	10 53
28	1 7	10 49	0 50	0 S 53	1 40	13 51	10 44
31	1 7	10 7	0 43	2 27	1 46	11 49	10 34

D M	h	♈	♉	♊	♋	Mutual	Lunar Aspects.						
	Long.	Long.	Long.	Long.	Long.	Aspts.	☉	☿	♈	♉	♊	♋	♌
	° ,	° ,	° ,	° ,	° ,								
1	8 w 36	1 w 19	17 Q 32	1 w 17	25 Q 22	♀ ♂ ♈	*		☐				
2	8 43	1 31	18 10	2 30	25 R 19	♀ P ☉		♈			*		
3	8 50	1 44	18 49	3 40	25 D 23	♀ P ♈			*	*		*	
4	8 57	1 56	19 27	4 56	25 34								♈
5	9 4	2 9	20 5	6 9	25 51								
6	9 11	2 22	20 43	7 23	26 15		♈	*					
7	9 18	2 35	21 21	8 36	26 46	♀ P ☉				♈	♈	♈	
8	9 25	2 47	22 0	9 49	27 23	☉ * ♈		☐	♈			♈	*
9	9 32	3 0	22 38	11 2	28 7								*
10	9 39	3 13	23 16	12 15	28 58			Δ					
11	9 46	3 26	23 54	13 29	29 55		*			*	*	*	☐
12	9 53	3 39	24 32	14 42	0 Ω 59	♈ ∠ ♈			*	*	*	*	
13	10 1	3 52	25 10	15 55	2 8	♀ ☐ ♈		☐			☐		
14	10 8	4 5	25 48	17 8	3 23				☐	☐			Δ
15	10 15	4 18	26 26	18 21	4 44		Δ	♈			Δ	☐	
16	10 23	4 31	27 4	19 34	6 10				Δ	Δ			
17	10 30	4 43	27 43	20 47	7 42	☉ P ♈						Δ	
18	10 39	4 56	28 21	22 0	9 17				Δ				♈
19	10 45	5 9	28 59	23 13	10 57		♈					♈	
20	10 52	5 22	29 36	24 26	12 40		♈					♈	
21	11 0	5 35	0 w 15	25 39	14 27			☐	♈	♈			
22	11 7	5 48	0 53	26 52	16 16	♈ * ♈			♈	♈		♈	
23	11 15	6 1	1 31	28 5	18 8								
24	11 22	6 14	2 10	29 18	20 2			*					Δ
25	11 30	6 27	2 48	0 Δ 32	21 58		Δ				Δ		
26	11 37	6 40	3 26	1 44	23 54	☉ P ♈			Δ	Δ			
27	11 45	6 53	4 4	2 57	25 51	☉ ♂ ♈							☐
28	11 52	7 6	4 42	4 10	27 49		☐			☐	☐	Δ	
29	12 0	7 19	5 21	5 23	29 47			♈	☐				
30	12 7	7 32	5 59	6 35	1 w 45								*
31	12 15	7 45	6 37	7 48	3 43	☉ ♂ ♈	*		*	*	*	☐	

SEPTEMBER XXX DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	15 53	0 N 1	22 N 45	1 N 43	8 N 31	0 N 57	9 N 28
4	15 54	0 1	22 45	1 44	8 23	0 57	9 18
7	15 54	0 1	22 45	1 44	8 14	0 57	8 58
10	15 55	0 1	22 46	1 44	8 5	0 57	8 48
13	15 56	0 1	22 46	1 44	7 57	0 57	8 38
16	15 56	0 1	22 46	1 45	7 48	0 58	8 28
19	15 57	0 1	22 46	1 45	7 40	0 58	8 18
22	15 58	0 1	22 46	1 45	7 32	0 58	8 8
25	15 59	0 1	22 46	1 45	7 23	0 58	7 58
28	16 0	0 1	22 46	1 46	7 15	0 59	7 48

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♂ Long.	♂ Lat.	♂ Declin.	♂ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	° ' "
1	S	10 42 31	8 ^m 58 47	8 N 13	24 ^h 53 1	1 S 6	20 N 9	16 ^h 11
2	M	10 46 28	9 56 57	7 51	7 ^h 52 58	2 14	16 8	16 11
3	Tu	10 50 24	10 55 9	7 29	21 51	3 16	11 9	16 10
4	W	10 54 21	11 53 22	7 6	6 ^m 8	4 7	5 28	16 17
5	Th	10 58 18	12 51 38	6 44	20 44	4 44	0 S 40	16 25
6	F	11 2 14	13 49 53	6 22	5 ^h 32	5 2	6 49	16 33
7	S	11 6 11	14 48 14	5 59	20 23	5 0	12 35	16 41
8	S	11 10 7	15 46 34	5 37	5 ^m 9	4 38	17 36	16 49
9	M	11 14 4	16 44 56	5 14	19 43	3 58	21 30	16 57
10	Tu	11 18 0	17 43 20	4 51	4 ^h 1	3 4	23 58	17 5
11	W	11 21 57	18 41 45	4 29	18 1	1 59	24 54	17 13
12	Th	11 25 53	19 40 11	4 6	1 ^h 43	0 50	24 16	17 21
13	F	11 29 50	20 38 40	3 43	15 7	0 N 21	22 15	17 29
14	S	11 33 47	21 37 10	3 20	28 17	1 30	19 3	17 37
15	S	11 37 43	22 35 41	2 56	11 ^m 13	2 32	14 59	17 45
16	M	11 41 40	23 34 14	2 33	23 57	3 26	10 18	17 53
17	Tu	11 45 36	24 32 50	2 10	6 ^m 81	4 9	5 16	18 1
18	W	11 49 33	25 31 26	1 47	18 55	4 39	0 6	18 9
19	Th	11 53 29	26 30 5	1 24	1 ^h 10	4 56	5 N 0	18 17
20	F	11 57 26	27 28 46	1 0	13 17	5 0	9 51	18 25
21	S	12 1 22	28 27 29	0 37	25 16	4 50	14 16	18 33
22	S	12 5 19	29 26 13	0 13	7 ^h 8	4 27	18 7	18 41
23	M	12 9 16	0 ^h 25 0	0 S	10 18 59	3 53	21 13	18 49
24	Tu	12 13 12	1 23 50	0 33	0 ^h 49	3 9	23 25	18 57
25	W	12 17 9	2 22 41	0 57	12 42	2 16	24 35	19 5
26	Th	12 21 5	3 21 35	1 20	24 44	1 17	24 38	19 13
27	F	12 25 2	4 20 31	1 44	7 ^h 50	0 13	23 29	19 21
28	S	12 28 58	5 19 29	2 7	19 34	0 S 54	21 9	19 29
29	S	12 32 55	6 18 30	2 80	2 ^h 33	1 59	17 40	19 37
30	M	12 36 51	7 17 33	2 54	15 59	3 0	13 11	19 45

SEPTEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 6	9 N 52	0 N 40	2 S 58	1 N 46	11 N 5	10 w 31
4	1 6	9 9	0 32	4 30	1 42	8 51	10 22
7	1 6	8 25	0 24	6 2	1 33	6 31	10 12
10	1 5	7 41	0 15	7 33	1 20	4 9	10 3
13	1 5	6 56	0 6	9 3	1 4	1 47	9 53
16	1 4	6 11	0 8 3	10 31	0 46	0 8 33	9 44
19	1 4	5 25	0 13	11 57	0 26	2 51	9 34
22	1 3	4 39	0 23	13 20	0 8	4 5	9 25
25	1 2	3 53	0 33	14 41	0 8 16	7 14	9 15
28	1 1	3 7	0 43	15 59	0 38	9 19	9 6

D M	h	♄	♂	♀	♊	Mutual Aspts.	Lunar Aspects.							
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋	♌	♍
	° /	° /	° /	° /	° /									
1	12 w 23	7 w 58	7 w 14	9 ♄ 1	5 w 40									
2	12 30	8 11	7 54	10 14	7 37	♂ ♂ ♂							*	
3	12 38	8 24	8 32	11 26	9 33	♂ ♂ ♄		*						
4	12 45	8 37	9 10	12 39	11 28	☉ ♂ ♄	♄		♄	♄	♄			♄
5	12 52	8 50	9 48	13 52	13 22	☉ ♂ ♄	☐							
6	13 0	9 3	10 27	15 4	15 15									
7	13 8	9 16	11 5	16 17	8 15	♄ ☐ ♄		Δ					♄	
8	13 15	9 29	11 44	17 30	18 59					*	*			
9	13 23	9 42	12 22	18 42	20 49	☉ ☐ ♄	*		*					*
10	13 30	9 55	13 0	19 55	22 38					☐				
11	13 38	10 8	13 38	21 7	24 26	♄ ♂ ♄	☐	♄	☐		☐	*		
12	13 45	10 21	14 16	22 20	26 13									☐
13	13 53	10 34	15 55	23 32	27 58		Δ		Δ	Δ	Δ			
14	14 0	10 47	16 34	24 44	29 43								☐	Δ
15	14 8	11 0	17 12	25 56	1 ♄ 27	♀ ♄ ♄		Δ						
16	14 15	11 13	18 51	27 9	3 9								Δ	
17	14 23	11 26	19 29	28 21	4 50									
18	14 30	11 39	20 7	29 33	6 31	♀ ♄ ♄	♄	☐	♄	♄	♄			
19	14 38	11 51	20 45	30 48	8 10									
20	14 45	12 4	21 1	31 57	9 49	♀ ☐ ♄		*						♄
21	14 53	12 17	22 2	32 10	11 26									
22	15 0	12 30	23 4	33 22	13 3						Δ		♄	
23	15 8	12 42	24 19	34 5	14 38					Δ		Δ		
24	15 15	12 56	25 58	36 46	16 13	♄ Δ ♄	Δ							
25	15 22	13 8	27 36	38 58	17 46	♄ P ♄	♄	☐	☐					Δ
26	15 30	13 21	29 15	40 9	19 19									
27	15 37	13 34	30 53	42 10	22 52		☐						Δ	
28	15 44	13 46	32 32	44 11	26 23				*	*	*	*		☐
29	15 52	13 59	34 10	46 12	29 53		*							
30	15 59	14 11	35 49	48 13	33 22	♀ * ♄		*					☐	

OCTOBER XXXI DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	1	0 N 1	22 N 46	1 N 46	7 N 7	0 N 59	7 N 4
4	16	2	0 1	22 46	1 46	6 59	1 0	6 50
7	16	3	0 1	22 45	1 47	6 51	1 0	6 36
10	16	4	0 1	22 45	1 47	6 43	1 0	6 22
13	16	5	0 1	22 45	1 48	6 36	1 1	6 8
16	16	5	0 1	22 45	1 48	6 28	1 1	5 53
19	16	6	0 1	22 44	1 49	6 21	1 2	5 40
22	16	7	0 1	22 44	1 49	6 14	1 2	5 27
25	16	8	0 1	22 43	1 50	6 7	1 2	5 14
28	16	9	0 1	22 43	1 50	6 1	1 3	5 0
31	16	9	0 1	22 42	1 51	5 54	1 3	4 47

D M	D W	Sidereal Time.	☉		☉		♂		♂		☿
			Long.	Declin	Long.	Declin	Long.	Lat.	Declin	Long.	
		H. M. S.	°	'	°	'	°	'	°	'	°
1	Tu	12 40 48	8 16 38	3 S 17	29 54	3 S 53	7 N 52			16 22	
2	W	12 44 45	9 15 46	3 40	14 19	4 33	1 59			16 31	
3	Th	12 48 41	10 14 55	4 42	9 8	4 56	4 S 11			16 41	
4	F	12 52 38	11 14 7	4 27	14 14	4 59	10 12			16 50	
5	S	12 56 34	12 13 21	4 50	29 26	4 41	15 39			16 59	
6	S	13 0 31	13 12 37	5 13	14 33	4 32	5 16			17 08	
7	M	13 4 27	14 11 54	5 36	29 27	3 9	23 8			16 18	
8	Tu	13 8 24	15 11 14	5 59	14 0	2 42	33 16			16 27	
9	W	13 12 20	16 10 35	6 22	28 9	0 53	24 19			16 36	
10	Th	13 16 17	17 9 58	6 45	11 54	0 N 20	22 36			16 45	
11	F	13 20 13	18 9 23	7 8	25 15	1 29	19 38			16 54	
12	S	13 24 10	19 8 50	7 30	8 16	2 32	15 46			16 53	
13	S	13 28 7	20 8 18	7 53	21 0	3 26	11 15			16 52	
14	M	13 32 32	21 7 48	8 15	3 31	4 9	6 21			16 51	
15	Tu	13 36 0	22 7 20	8 37	15 51	4 39	1 18			16 50	
16	W	13 39 56	23 6 54	8 59	28 2	4 57	3 N 45			16 49	
17	Th	13 43 53	24 6 29	9 21	10 6	5 0	8 36			16 48	
18	F	13 47 49	25 6 7	9 43	22 4	4 51	13 6			16 47	
19	S	13 51 46	26 5 46	10 5	3 59	4 29	17 4			16 46	
20	S	13 55 42	27 5 28	10 27	15 50	3 55	20 20			16 45	
21	M	13 59 39	28 5 12	10 48	27 40	3 11	22 45			16 44	
22	Tu	14 3 36	29 4 57	11 9	9 31	2 8	24 10			16 43	
23	W	14 7 32	0 4 45	11 31	21 25	1 19	24 30			15 42	
24	Th	14 11 29	1 4 35	11 51	3 28	0 16	23 41			15 51	
25	F	14 15 25	2 4 27	12 12	15 42	0 S 49	21 43			15 50	
26	S	14 19 22	3 4 22	12 33	28 13	1 54	18 41			15 49	
27	S	14 23 18	4 4 19	12 53	11 6	2 54	14 40			15 48	
28	M	14 27 15	5 4 18	13 13	24 25	3 47	9 49			15 47	
29	Tu	14 31 11	6 4 19	13 33	8 13	4 29	4 20			15 46	
30	W	14 35 8	7 4 22	13 53	22 31	4 56	1 S 34			15 45	
31	Th	14 39 5	8 4 28	14 13	7 16	5 5	7 33			15 44	

OCTOBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	1 N 0	2 N 20	0 S 53	17 S 14	1 S 1	11 S 18	8 w 56
4	0 59	1 33	1 3	18 25	1 24	13 10	8 46
7	0 58	0 46	1 13	19 32	1 44	14 56	8 37
10	0 58	0 S 0	1 23	20 35	2 5	16 34	8 27
13	0 57	0 47	1 32	21 33	2 21	18 8	8 18
16	0 57	1 34	1 41	22 26	2 36	19 22	8 8
19	0 56	2 21	1 50	23 14	2 48	20 31	7 58
22	0 56	3 8	1 59	23 56	2 56	21 27	7 49
25	0 55	3 54	2 7	24 33	3 0	22 7	7 39
28	0 54	4 40	2 16	25 3	2 57	22 30	7 30
31	0 52	5 27	2 24	25 28	2 44	22 31	7 20

D M	h	♄	♅	♀	♁	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	16 w 6	14 w 23	26 w 27	15 m 10	26 Δ 50							*
2	16 14	14 36	27 6	16 22	28 17	♀ * h		☐	♈	♈		*
3	16 21	14 48	27 44	17 34	29 44	h ☐ h					♈	
4	16 28	15 0	28 23	18 46	1 m 9	♀ ☐ h	♈	Δ				
5	16 35	15 13	29 1	19 57	2 35							♈
6	16 42	15 25	29 40	21 9	3 59				*	*		♈
7	16 49	15 37	0 Δ 19	22 20	5 22				*	*	*	
8	16 56	15 49	0 58	23 32	6 43		*	♈	☐	☐		
9	17 3	16 1	1 36	24 43	8 4	☉ Δ h					☐	
10	17 10	16 18	2 15	25 55	9 24	♄ ☐ h	☐		Δ	Δ		*
11	17 17	16 25	2 53	27 6	10 42							*
12	17 23	16 37	3 32	28 18	11 59						Δ	☐
13	17 30	16 49	4 10	29 29	13 15		Δ	Δ				
14	17 36	17 1	4 49	0 f 40	14 29							☐
15	17 43	17 13	5 28	1 51	15 42			☐	♈	♈		Δ
16	17 49	17 24	6 7	3 2	16 53	♁ * ♄						Δ
17	17 56	17 36	6 46	4 13	18 2	♁ * h					♈	
18	18 2	17 48	7 25	5 24	19 9		♈	*				
19	18 9	17 59	8 4	6 35	20 14							
20	18 15	18 11	8 43	7 46	21 17				Δ	Δ		
21	18 22	18 22	9 22	8 57	22 17	♄ ☐ h						♈
22	18 28	18 33	10 0	10 8	23 14	♀ * ♄					Δ	♈
23	18 35	18 44	10 39	11 19	24 8			♈	☐	☐		
24	18 41	18 55	11 18	12 30	24 58	☉ ☐ h	Δ					
25	18 47	19 6	11 57	13 40	25 44				*	*	☐	
26	18 53	19 18	12 36	14 51	26 26		☐	*			*	Δ
27	18 58	19 29	13 15	16 1	27 3	♀ ♈ h		*			*	Δ
28	19 5	19 40	13 54	17 11	27 35	☉ ∠ h						☐
29	19 12	19 51	14 33	18 21	28 1		*					
30	19 17	20 1	15 12	19 32	28 19	♀ ☐ h		☐	♈	♈		*
31	19 23	20 11	15 51	20 42	28 32	♈ Δ h						

NOVEMBER XXX DAYS.

D M	Sun's Semidia.		Herschel.		Saturn.		Jupiter.	
			Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	'	"	°	'	°	'	°	'
1	16	9	0 N 1	22 N 42	1 N 51	5 N 52	1 N 3	4 N 47
4	16	9	0 1	22 42	1 51	5 46	1 4	4 35
7	16	10	0 1	22 41	1 52	5 40	1 4	4 24
10	16	11	0 1	22 40	1 52	5 34	1 5	4 13
13	16	12	0 1	22 40	1 53	5 29	1 5	4 2
16	16	12	0 1	22 39	1 53	5 24	1 6	3 52
19	16	13	0 1	22 38	1 54	5 19	1 6	3 42
22	16	13	0 2	22 37	1 55	5 15	1 7	3 32
25	16	14	0 2	22 37	1 56	5 11	1 7	3 23
28	16	14	0 2	22 36	1 57	5 7	1 8	3 15

D M	D W	Sidereal Time.	☉ Long.	☉ Declin.	♄ Long.	♄ Lat.	♄ Declin.	♃ Long.
		H. M. S.	° ' "	° ' "	° ' "	° ' "	° ' "	°
1	F	14 43 1	9 m 4 35	14 S 32	22 22	4 S 53	13 S 14	15 44
2	S	14 46 58	10 4 44	14 51	7 m 39	4 20	18 10	15 42
3	S	14 50 54	11 4 55	15 10	22 58	3 28	21 53	15 40
4	M	14 54 51	12 5 8	15 28	8 f 6	2 22	24 0	15 38
5	Tu	14 58 47	13 5 23	15 47	22 54	1 7	24 23	15 36
6	W	15 2 44	14 5 39	16 5	7 w 17	0 N 9	23 6	15 34
7	Th	15 6 40	15 5 56	16 23	21 12	1 23	20 25	15 32
8	F	15 10 37	16 6 16	16 40	4 m 41	2 30	16 40	15 30
9	S	15 14 34	17 6 36	16 57	17 44	3 27	12 14	15 28
10	S	15 18 30	18 6 58	17 14	0 x 27	4 13	7 23	15 26
11	M	15 22 27	19 7 22	17 31	12 52	4 45	2 21	15 24
12	Tu	15 26 23	20 7 47	17 47	25 5	5 3	2 N 41	15 21
13	W	15 30 20	21 8 13	18 3	7 r 8	5 8	7 33	15 19
14	Th	15 34 16	22 8 40	18 19	19 5	4 59	12 5	15 17
15	F	15 38 13	23 9 9	18 35	0 c 58	4 38	16 9	15 15
16	S	15 42 9	24 9 40	18 50	12 49	4 4	19 34	15 12
17	S	15 46 6	25 10 12	19 4	24 40	3 20	22 11	15 10
18	M	15 50 3	26 10 45	19 19	6 33	2 27	23 50	15 8
19	Tu	15 53 59	27 11 20	19 33	18 29	1 27	24 24	15 5
20	W	15 57 56	28 11 56	19 46	0 s 31	0 22	23 50	15 3
21	Th	16 1 52	29 12 34	20 0	12 41	0 8	43 22	8 15 0
22	F	16 5 49	0 f 13	14 20	13 25	1 1	49 19	21 14 58
23	S	16 9 45	1 13 55	20 25	7 36	2 51	15 38	14 55
24	S	16 13 42	2 14 38	20 38	20 29	3 45	11 7	14 53
25	M	16 17 38	3 15 23	20 49	3 m 43	4 29	5 58	14 50
26	Tu	16 21 35	4 16 9	21 1	17 21	4 59	0 54	14 48
27	W	16 25 32	5 16 57	21 12	1 25	5 13	5 8	21 14 45
28	Th	16 29 28	6 17 46	21 23	15 53	5 7	10 59	14 43
29	F	16 33 25	7 18 36	21 33	0 m 43	4 42	16 7	14 40
30	S	16 37 21	8 19 28	21 43	15 47	3 56	20 20	14 38

NOVEMBER XXX DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	° /
1	0 N 52	5 S 42	2 S 26	25 S 35	2 S 38	22 S 25	7 w 17
4	0 51	6 28	2 31	25 51	2 8	21 47	7 7
7	0 50	7 13	2 35	26 1	1 23	20 34	6 57
10	0 49	7 58	2 39	26 4	0 39	18 48	6 48
13	0 48	8 42	2 42	26 1	0 N 34	16 45	6 38
16	0 47	9 26	2 44	25 52	1 22	14 54	6 29
19	0 46	10 10	2 45	25 36	2 7	13 42	6 19
22	0 45	10 53	2 45	25 14	2 25	13 18	6 10
25	0 44	11 35	2 46	24 47	2 32	13 35	6 1
28	0 42	12 16	2 44	24 14	2 28	14 22	5 51

D M	h	♄	♂	♀	♂	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	♃	♄	♅	♆	♇
	° /	° /	° /	° /	° /							
1	19 m 29	20 m 22	16 △ 30	21 ♀ 52	28 m 36			Δ			♂ *	
2	19 35 20	33 17	9 23	2 28	R 30		♂			*		♂
3	19 41 20	43 17	48 24	12 28	17				*	*		♂
4	19 46 20	54 18	27 25	22 27	54							
5	19 52 21	4 19	7 26	31 27	21		♂	□	□	*	♂	
6	19 58 21	14 19	46 27	41 26	39		*					
7	20 3 21	24 20	25 28	50 25	46				Δ	Δ	□	*
8	20 8 21	34 21	4 0 w	0 24	45							
9	20 13 21	44 21	43 1	9 23	36		□	Δ			Δ	□
10	20 18 21	53 22	22 2	18 22	21	♂ * ♄					*	
11	20 23 22	3 23	2 3	27 21	2	♂ * ♃		□				
12	20 28 22	13 23	41 4	36 19	42	☉ ♂ ♀	Δ		♂	♂		Δ
13	20 33 22	22 24	20 5	45 18	22							□
14	20 38 22	31 24	59 6	54 17	6	☉ * ♄		*				
15	20 43 22	40 25	39 8	2 15	58						♂	
16	20 47 22	40 26	18 9	11 14	55		♂				Δ	♂
17	20 52 22	58 26	57 10	20 14	3		♂		Δ	Δ		
18	20 57 23	7 27	36 11	28 13	22							
19	21 1 23	16 28	16 12	36 12	54	♂ * ♀		♂	□	□		
20	21 6 23	28 28	55 13	44 12	36						Δ	
21	21 10 23	34 29	35 14	51 12	31						♂	Δ
22	21 14 23	42 0 m	14 15	59 12	D 35	♂ ♃ ♄	Δ		*	*	□	
23	21 18 23	50 0	54 17	6 12	50			*				□
24	21 22 23	58 1	33 18	13 13	15							
25	21 26 24	6 2	13 19	20 13	48		□				*	
26	21 30 24	14 2	52 20	27 14	29			□	♂	♂		Δ *
27	21 34 24	22 3	32 21	33 15	16	♀ Δ ♃	*					
28	21 37 24	29 4	11 22	40 16	9			Δ				□
29	21 41 24	37 4	51 23	46 17	8						♂	
30	21 45 24	44 5	30 24	52 18	11	♀ Δ ♄			*			♂

DECEMBER XXXI DAYS.

D M	Sun's Semidia.	Herschel.		Saturn.		Jupiter.	
		Lat.	Declin.	Lat.	Declin.	Lat.	Declin.
	' "	' "	' "	' "	' "	' "	' "
1	16 16	0 N 2	22 N 35	1 N 58	5 N 4	1 N 9	3 N 7
4	16 16	0 2	22 34	1 59	5 1	1 9	2 59
7	16 17	0 2	22 33	1 59	4 58	1 10	2 52
10	16 17	0 2	22 32	2 0	4 56	1 11	2 45
13	16 17	0 2	22 31	2 1	4 54	1 12	2 39
16	16 18	0 2	22 31	2 2	4 52	1 13	2 34
19	16 18	0 2	22 30	2 3	4 51	1 14	2 29
22	16 18	0 2	22 29	2 4	4 50	1 15	2 25
25	16 18	0 2	22 28	2 6	4 50	1 16	2 22
28	16 18	0 2	22 27	2 7	4 50	1 17	2 19
31	16 18	0 2	22 26	2 9	4 50	1 18	2 17

D M	D W	Sidereal Time.	☉ Long.	☉ Declin	♂ Long.	♂ Lat.	♂ Declin	♂ Long.
		H. M. S.	' "	' "	' "	' "	' "	' "
1	S	16 41 18	9 20 22	21 S 52	0 2 57	2 S 54	23 S 12	14 35
2	M	16 45 14	10 21 16	22 1 16	2 1 39	24 22	14 33	14 33
3	Tu	16 49 11	11 22 11	22 10 0	2 19 23	46 14	30	14 30
4	W	16 53 7	12 23 8	22 18 15	2 1 N 12	34 14	28	14 28
5	Th	16 57 4	13 24 5	22 26 29	3 2 14	18 4	25	14 25
6	F	17 1 14	25 3 22	33 13 11	3 18 13	42 14	23	14 23
7	S	17 4 57	26 2 22	40 26 23	4 9 8	49 14	20	14 20
8	S	17 8 54	27 1 22	46 9 11	4 46 3	43 14	18	14 18
9	M	17 12 50	28 1 22	52 21 39	5 8 1	N 24 14	15	14 15
10	Tu	17 16 47	29 2 22	57 3 51	5 16 6	22 14	13	14 13
11	W	17 20 43	30 3 23	3 15 52	5 10 11	0 14	10	14 10
12	Th	17 24 40	31 4 23	7 27 46	4 50 15	12 14	8	14 8
13	F	17 28 37	32 5 23	11 9 36	4 18 18	47 14	5	14 5
14	S	17 32 33	33 6 23	15 21 26	3 36 21	36 14	3	14 3
15	S	17 36 30	34 7 23	18 3 20	2 43 23	30 14	1	14 1
16	M	17 40 26	35 8 23	21 15 18	1 43 24	21 13	58	13 58
17	Tu	17 44 23	36 9 23	23 27 24	0 38 24	4 13	55	13 55
18	W	17 48 19	37 10 23	25 9 39	0 8 30	22 13	53	13 53
19	Th	17 52 16	38 11 23	26 22 3	1 37 20	3 13	50	13 50
20	F	17 56 12	39 12 23	27 4 40	2 41 16	30 13	48	13 48
21	S	18 0 9	29 40 42	23 17 29	3 38 12	9 13	45	13 45
22	S	18 4 6	0 41 49	23 27 0	4 24 7	10 13	43	13 43
23	M	18 8 2	1 42 57	23 13 52	4 58 1	46 13	41	13 41
24	Tu	18 11 59	2 44 5	26 27 29	5 15 3	S 49 13	38	13 38
25	W	18 15 55	3 45 14	24 11 23	5 18 9	20 13	36	13 36
26	Th	18 19 52	4 46 24	22 25 34	4 56 14	29 13	34	13 34
27	F	18 23 48	5 47 34	20 10 1	4 18 18	55 13	32	13 32
28	S	18 27 45	6 48 44	17 24 39	3 23 22	14 13	30	13 30
29	S	18 31 41	7 49 55	14 9 25	2 14 24	5 13	27	13 27
30	M	18 35 38	8 51 6	10 24 10	0 56 24	16 13	25	13 25
31	Tu	18 39 35	9 52 17	5 8 48	0 N 25	22 45	23	13 23

1861.]

RAPHAEL'S ASTRONOMICAL EPHEMERIS.

25

DECEMBER XXXI DAYS.

D M	Mars.		Venus.		Mercury.		Moon's Node.
	Lat.	Declin.	Lat.	Declin.	Lat.	Declin.	
	° /	° /	° /	° /	° /	° /	
1	0 N 40	12 S 57	2 S 40	23 S 35	2 N 12	15 S 27	5 w 42
4	0 38	13 37	2 36	22 51	1 54	16 41	5 83
7	0 37	14 17	2 29	22 3	1 34	17 58	5 23
10	0 35	14 55	2 20	21 10	1 10	19 14	5 13
13	0 34	15 32	2 10	20 13	0 49	20 26	5 4
16	0 32	16 9	2 0	19 12	0 23	21 31	4 54
19	0 31	16 44	1 50	18 8	0 5	22 29	4 45
22	0 29	17 18	1 37	17 2	0 8 16	23 17	4 35
25	0 28	17 51	1 22	15 53	0 36	23 55	4 26
28	0 26	18 23	1 4	14 42	0 50	24 22	4 6
31	0 25	18 54	0 48	13 29	1 1	24 38	4 17

D M	h	♈	♉	♊	♋	Mutual Aspts.	Lunar Aspects.					
	Long.	Long.	Long.	Long.	Long.		☉	☿	♈	♉	♊	♋
	° /	° /	° /	° /	° /							
1	21 m 48	24 m 51	6 m 10	25 w 58	19 m 19					*		*
2	21 51	24 58	6 49	27 27	4 20 29		☉	☿	☐			
3	21 54	25 5	7 29	28 9	21 43	☿ * h			☐			
4	21 57	25 12	8 9	29 14	22 59				Δ		*	
5	22 0	25 19	8 49	0 m 19	24 17				Δ		☉ *	
6	22 3	25 25	9 28	1 23	25 37	☉ Δ h	*	Δ			☐	
7	22 6	25 31	10 8	2 27	26 59							☐
8	22 8	25 38	10 48	3 31	28 22			☐	☿	☿	Δ	
9	22 11	25 44	11 28	4 35	29 46		☐		☿	☿		
10	22 13	25 50	12 7	5 39	1 12						*	Δ
11	22 16	25 56	12 47	6 42	2 38		Δ	*				
12	22 18	26 2	13 27	7 45	4 5	☿ ☐ h						
13	22 20	26 7	14 7	8 47	5 33						☿	☐
14	22 22	26 12	14 47	9 49	7 1	☉ ☐ h			Δ	Δ		
15	22 24	26 17	15 27	10 51	8 30	☿ ☐ h						☿
16	22 26	26 21	16 6	11 52	10 0			☉				Δ
17	22 28	26 26	16 46	12 53	11 30				☐	☐		
18	22 29	26 30	17 26	13 53	12 59	☉ ☐ h	☿					
19	22 31	26 35	18 6	14 53	14 30	☿ ☿ h			*	*	Δ	
20	22 32	26 39	18 46	15 53	16 1	☿ * ☿						
21	22 34	26 44	19 26	16 52	17 32				*		☐	☿ Δ
22	22 35	26 48	20 6	17 51	19 3		Δ	*			☐	☿ Δ
23	22 37	26 52	20 46	18 49	20 35			☐				
24	22 38	26 55	21 26	19 46	22 7	☿ ☐ h	☐		☉	☉	*	☐
25	22 39	26 58	22 6	20 43	23 39		Δ					
26	22 40	27 1	22 46	21 40	25 12	☿ * h						Δ *
27	22 41	27 4	23 27	22 36	26 45	☿ ☐ h	*					
28	22 42	27 7	24 7	23 31	28 18				*	*	☉	☐
29	22 43	27 10	24 47	24 26	29 51			☿				
30	22 44	27 12	25 28	25 20	1 w 25				☐	☐		*
31	22 44	27 15	26 8	26 14	2 59	☿ ☐ h	☉					☉

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
0	0	0	0	10	34	28	13	14	3	1	51	37	0	11	19	17	33	6	28
0	3	40	1	11	25	28	48	14	4	1	55	37	1	12	20	18	11	6	28
0	7	20	2	12	26	29	25	15	5	1	59	17	2	13	21	18	51	7	28
0	11	0	3	13	27	0	14	16	6	2	3	8	3	14	21	19	30	8	1
0	14	41	4	14	28	0	49	17	6	2	6	59	4	15	22	20	9	8	1
0	18	21	5	15	29	1	25	17	7	2	10	51	5	15	23	20	48	9	2
0	22	3	6	16	29	2	7	18	8	2	14	44	6	16	24	21	37	10	3
0	25	42	7	17	25	2	42	19	9	2	18	37	7	17	24	22	8	11	4
0	29	23	8	18	1	3	26	19	10	2	22	31	8	18	25	23	47	11	5
0	33	4	9	19	2	4	4	20	10	2	26	25	9	19	26	23	28	12	6
0	36	45	10	20	3	4	41	21	11	2	30	20	10	20	27	24	8	13	7
0	40	26	11	22	4	5	19	22	12	2	34	16	11	21	27	24	48	13	8
0	44	8	12	23	4	5	58	22	13	2	38	13	12	22	28	25	26	14	9
0	47	50	13	23	4	5	6	23	13	2	42	10	13	23	29	26	8	15	10
0	51	32	14	25	6	7	14	24	15	2	46	8	14	24	0	26	48	15	11
0	55	14	15	26	7	7	53	24	16	2	50	7	15	25	0	27	39	15	11
0	58	5	16	27	8	8	32	25	16	2	54	7	16	26	1	28	16	17	12
1	3	40	17	28	9	9	10	26	17	2	58	7	17	27	2	29	51	18	13
1	6	23	18	29	9	9	47	26	18	3	3	8	18	28	3	30	33	19	14
1	10	7	19	II	10	10	26	27	19	3	6	9	19	29	4	31	30	20	15
1	13	51	20	1	11	11	5	28	20	3	10	12	20	25	5	0	54	20	16
1	17	35	21	2	12	11	42	29	20	3	14	15	21	0	6	1	26	21	17
1	21	20	22	3	12	12	22	29	21	3	18	19	22	1	6	2	17	22	18
1	25	6	23	4	13	13	0	29	22	3	22	23	23	2	7	3	59	23	19
1	28	53	24	5	14	13	39	1	23	3	26	29	24	3	8	3	41	24	20
1	32	36	25	6	15	14	18	2	24	3	30	35	25	4	8	4	23	25	21
1	36	25	26	7	16	14	56	3	25	3	34	41	26	5	9	5	5	26	22
1	40	12	27	8	16	15	36	3	26	3	38	49	27	6	10	5	47	26	23
1	44	0	28	9	17	16	14	4	26	3	42	57	28	7	11	6	20	27	24
1	47	48	29	10	17	16	53	4	27	3	46	6	29	8	12	7	12	28	25
1	51	37	30	11	19	17	52	5	28	3	51	15	30	9	12	7	54	28	26

Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3	Right Asc. of Meridian.			10	11	12	Ascen Ω	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
3	51	15	0	9	12	7	54	29	25	6	0	0	0	7	0	0	28	23	
3	55	25	1	10	13	8	37	29	26	6	4	22	1	8	0	45	24	24	
3	59	36	2	11	14	9	20	29	27	6	8	43	2	9	1	30	25	25	
4	3	48	3	12	15	10	8	1	28	6	12	5	3	10	2	15	26	26	
4	8	0	4	13	16	10	47	1	29	6	17	26	4	11	10	3	27	27	
4	12	13	5	14	16	11	30	2	29	6	21	48	5	11	11	3	28	28	
4	16	36	6	15	17	12	13	3	0	6	26	9	6	12	12	4	30	29	
4	20	40	7	16	18	13	56	4	1	6	30	20	7	13	13	5	15	30	
4	24	55	8	16	19	13	40	5	2	6	34	51	8	14	13	6	0	31	
4	29	10	9	17	20	14	24	6	3	6	39	11	9	15	14	6	44	1	
4	33	26	10	18	20	15	8	6	4	6	43	31	10	16	15	7	29	2	
4	37	42	11	19	21	15	52	7	5	6	47	51	11	17	16	8	14	3	
4	41	59	12	20	22	16	36	8	6	6	52	11	12	18	17	9	58	4	
4	46	16	13	21	23	17	19	9	7	6	56	31	13	19	18	9	48	5	
4	50	34	14	22	24	18	4	10	8	7	0	50	14	20	18	10	27	6	
4	54	52	15	23	25	18	49	11	9	7	5	8	15	21	19	11	11	7	
4	59	10	16	24	26	19	33	12	10	7	9	26	16	22	20	11	55	8	
5	3	29	17	25	26	20	17	12	11	7	13	44	17	23	21	12	40	9	
5	7	49	18	26	27	21	1	13	12	7	18	1	18	24	22	13	24	10	
5	12	9	19	27	28	21	46	14	13	7	22	18	19	25	23	14	8	11	
5	16	29	20	27	28	22	31	15	13	7	26	34	20	25	24	14	52	12	
5	20	49	21	28	29	23	16	16	14	7	30	50	21	26	24	15	38	13	
5	25	9	22	29	29	24	0	17	15	7	35	5	22	27	25	16	29	14	
5	29	30	23	Q	1	24	45	17	16	7	39	20	23	28	26	17	4	15	15
5	33	51	24	1	2	25	30	18	17	7	43	34	24	29	27	17	47	16	16
5	38	12	25	2	3	26	15	19	18	7	47	47	25	29	28	18	39	17	17
5	42	34	26	3	3	27	0	20	19	7	52	0	26	1	29	19	13	18	18
5	46	55	27	4	4	27	45	20	20	7	56	12	27	2	29	19	57	19	19
5	51	17	28	5	5	28	30	21	21	8	0	24	28	3	29	20	49	20	20
5	55	38	29	6	6	29	15	22	22	8	4	35	29	4	1	21	28	21	21
6	0	0	30	7	7	30	0	23	23	8	8	45	30	5	2	22	0	22	22

TABLES OF HOUSES FOR LIVERPOOL. Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
8	8	45	0	5	2	22	6	18	21	10	8	23	0	2	26	12	28	11	20
8	12	54	1	6	3	22	48	19	22	10	12	12	1	3	26	13	46	12	21
8	17	3	2	7	3	23	30	19	23	10	16	0	2	3	26	13	45	13	21
8	21	11	3	8	4	24	13	20	24	10	19	48	3	4	27	14	25	14	22
8	25	19	4	9	5	24	55	21	25	10	23	35	4	5	28	15	4	14	23
8	29	26	5	10	6	25	37	22	26	10	27	23	5	6	29	15	48	15	24
8	33	31	6	10	6	26	19	22	27	10	31	8	6	7	29	16	21	16	25
8	37	37	7	11	7	27	1	23	28	10	34	54	7	8	m	17	0	17	26
8	41	41	8	12	8	27	43	24	28	10	38	40	8	9	1	17	39	18	27
8	45	45	9	13	9	28	24	25	29	10	42	25	9	10	2	18	17	19	28
8	49	48	10	14	9	29	6	26	30	10	46	9	10	10	3	18	55	19	28
8	53	51	11	15	10	29	47	26	1	10	49	53	11	11	3	19	34	20	29
8	57	52	12	16	11	Om	28	27	2	10	53	37	12	12	4	20	13	21	1
9	1	53	13	17	12	1	9	28	3	10	57	20	13	13	4	20	51	22	3
9	5	53	14	18	13	1	50	29	4	11	1	3	14	14	5	21	30	23	4
9	9	53	15	18	13	2	31	29	5	11	4	46	15	15	6	22	8	24	5
9	13	53	16	19	14	3	12	3	6	11	8	28	16	16	6	23	46	24	6
9	17	50	17	20	15	3	52	1	7	11	12	10	17	17	7	23	24	25	7
9	21	47	18	21	16	4	32	2	8	11	15	22	18	17	8	24	2	26	8
9	25	44	19	22	17	5	12	3	9	11	19	34	19	18	9	24	40	27	9
9	29	40	20	23	17	5	52	3	10	11	23	15	20	19	9	25	19	28	10
9	33	35	21	24	18	6	32	4	11	11	26	56	21	20	10	25	59	29	11
9	37	29	22	25	19	7	13	5	12	11	30	37	22	20	11	26	38	29	12
9	41	23	23	26	20	7	53	6	13	11	34	18	23	21	11	27	15	30	13
9	45	16	24	27	21	8	23	7	14	11	37	58	24	22	12	27	53	0	14
9	49	9	25	28	21	9	13	8	15	11	41	39	25	23	13	28	33	1	15
9	53	1	26	28	22	9	51	8	16	11	45	19	25	24	13	29	11	2	16
9	57	52	27	29	23	10	39	9	17	11	49	0	27	25	14	29	53	3	17
10	0	48	28	30	24	11	9	10	18	11	53	49	28	26	15	0	36	4	18
10	4	38	29	1	24	11	48	10	19	11	56	20	29	26	15	1	11	5	20
10	8	23	30	2	25	12	28	11	20	12	0	0	30	27	16	1	47	6	21
Right Asc. of Meridian.			10	11	12	Ascen	2	3	Right Asc. of Meridian.			10	11	12	Ascen	2	3		
H.	M.	S.	°	°	°	°	°	°	H.	M.	S.	°	°	°	°	°	°		
12	0	0	0	27	16	1	47	6	21	12	51	37	0	21	8	28	4	7	27
12	3	40	1	28	17	2	33	7	22	12	55	27	1	23	9	23	53	9	28
12	7	20	2	29	18	3	11	8	23	12	59	17	2	23	9	24	43	10	29
12	11	0	3	m	18	3	49	9	24	14	3	8	3	24	10	25	31	11	1
12	14	41	4	0	19	4	28	10	25	14	6	59	4	25	11	26	21	12	3
12	18	21	5	1	20	5	7	10	26	14	10	51	5	26	12	27	13	14	4
12	22	2	6	2	20	5	47	11	26	14	14	44	6	26	13	28	5	16	6
12	26	48	7	3	21	6	27	12	27	14	18	37	7	27	13	28	58	17	7
12	30	23	8	3	22	7	6	13	28	14	22	31	8	28	14	29	51	19	8
12	33	4	9	4	23	7	46	14	1	14	26	25	9	29	15	Om	45	20	9
12	36	45	10	5	23	8	26	15	2	14	30	20	10	1	16	1	40	21	11
12	40	26	11	6	24	9	7	16	3	14	34	16	11	1	16	2	36	23	12
12	44	8	12	7	25	9	48	17	4	14	38	13	12	1	17	3	32	24	13
12	47	50	13	7	26	10	29	18	5	14	42	10	13	2	18	4	30	26	15
12	51	38	14	8	26	11	11	19	7	14	46	8	14	3	19	5	28	28	16
12	55	14	15	9	27	11	53	20	8	14	50	7	15	4	20	6	28	29	18
12	59	57	16	10	27	12	35	21	9	14	54	7	16	5	21	7	28	3	19
13	3	40	17	11	28	13	17	23	10	14	58	7	17	6	22	8	30	3	20
13	6	26	18	11	29	14	0	23	12	15	2	8	18	7	23	9	33	4	21
13	10	7	19	12	30	14	47	24	13	15	6	9	19	7	24	10	39	6	22
13	13	51	20	13	3	15	27	25	14	15	10	12	20	8	24	11	44	8	24
13	17	26	21	14	1	16	11	26	15	15	14	15	21	9	25	12	53	9	25
13	21	20	22	15	2	16	54	27	17	15	18	19	22	10	26	14	0	11	27
13	25	6	23	16	3	17	38	28	18	15	22	23	23	11	27	15	10	13	28
13	28	53	24	16	3	18	26	m	19	15	26	29	24	12	28	16	21	15	29
13	32	38	25	17	4	19	10	1	20	15	30	35	25	13	29	17	37	17	3
13	36	25	26	18	5	19	57	3	22	15	34	41	26	14	30	18	53	19	2
13	40	13	27	19	6	20	48	4	23	15	38	49	27	15	1	20	10	20	3
13	44	9	28	20	6	21	29	5	24	15	42	37	28	16	2	21	28	22	4
13	47	48	29	21	7	22	19	6	25	15	47	6	29	17	3	22	30	24	5
13	51	37	30	22	8	23	4	7	26	15	51	15	30	17	4	23	12	25	6

TABLES OF HOUSES FOR LIVERPOOL: Latitude 53° 25' N.

Right Asc. of Meridian.			10	11	12	Ascen T			Right Asc. of Meridian.			10	11	12	Ascen T		
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''
15	51	15	0	17	4	24	13	28	7	18	0	0	0	17	10	0	0
15	55	25	1	18	5	25	39	28	8	18	4	23	1	18	11	3	53
15	59	36	2	19	6	27	9	29	9	18	8	43	2	19	13	5	46
16	3	48	3	20	7	28	40	7	11	18	13	5	3	20	15	8	35
16	8	0	4	21	8	29	11	2	12	18	17	26	4	21	16	11	23
16	12	13	5	22	9	30	1	48	4	18	21	48	5	22	18	14	9
16	16	26	6	23	10	3	28	6	14	18	25	9	6	24	20	16	56
16	20	40	7	24	11	5	9	9	16	18	30	30	7	25	21	19	38
16	24	55	8	25	12	6	55	11	17	18	34	51	8	26	23	22	16
16	29	10	9	26	13	8	44	13	18	18	39	11	9	27	24	24	51
16	33	26	10	27	14	10	36	15	20	18	43	31	10	28	26	27	34
16	37	43	11	28	15	12	31	17	21	18	47	51	11	29	28	29	53
16	41	59	12	29	16	14	30	19	22	18	52	11	12	1	29	25	19
16	46	16	13	30	17	16	31	21	24	18	56	31	13	2	3	4	40
16	50	34	14	1	19	18	39	23	25	19	0	50	14	3	4	6	58
16	54	52	15	2	20	20	40	25	26	19	5	8	15	4	4	9	11
16	59	10	16	3	21	23	3	27	27	19	9	20	16	5	6	11	21
17	3	29	17	4	22	25	20	28	28	19	13	44	17	7	8	13	29
17	7	49	18	5	23	27	41	30	29	19	18	1	18	8	10	15	30
17	12	9	19	6	25	0	47	3	30	19	22	18	19	9	12	17	29
17	16	29	20	7	26	2	36	3	31	19	26	34	20	10	14	19	24
17	20	49	21	8	27	5	9	5	32	19	30	50	21	12	16	21	16
17	25	9	22	9	29	7	44	7	4	19	35	5	22	13	18	23	5
17	29	30	23	10	30	10	23	8	5	19	39	20	23	14	20	24	51
17	33	51	24	11	1	13	4	10	6	19	43	34	24	15	23	26	32
17	38	12	25	12	3	15	51	12	7	19	47	47	25	17	24	28	12
17	43	34	26	13	4	18	37	14	8	19	52	0	26	18	26	29	49
17	46	55	27	14	5	21	25	15	9	19	56	13	27	19	28	1	20
17	51	17	28	15	7	24	14	17	10	20	0	24	28	20	1	3	51
17	55	38	29	16	8	27	7	19	11	20	4	35	29	21	1	4	21
18	0	0	30	17	10	30	0	20	12	20	8	45	30	22	3	5	47

Right Asc. of Meridian.			10	11	12	Ascen T			Right Asc. of Meridian.			10	11	12	Ascen T		
H.	M.	S.	°	'	''	°	'	''	H.	M.	S.	°	'	''	°	'	''
20	8	46	0	23	8	5	47	26	13	23	8	23	0	3	6	56	23
20	12	54	1	24	9	7	10	27	14	23	12	23	1	4	7	45	23
20	17	8	2	25	7	8	33	29	15	23	16	0	5	5	8	31	23
20	21	11	3	27	9	9	50	30	16	23	19	48	6	7	26	9	17
20	25	19	4	28	11	11	7	35	16	23	23	35	7	8	27	10	3
20	29	26	5	29	13	13	23	1	17	23	27	23	8	9	29	10	50
20	33	31	6	30	15	15	39	2	18	23	31	8	6	10	11	35	26
20	37	37	7	31	17	17	50	3	19	23	34	54	7	12	1	12	23
20	41	41	8	32	18	18	16	0	4	20	38	40	8	13	2	13	6
20	45	45	9	33	20	20	17	8	5	21	42	35	9	14	3	14	49
20	49	48	10	34	22	22	18	16	6	22	46	9	10	16	4	14	33
20	53	51	11	35	24	24	19	22	7	23	49	53	11	17	5	15	17
20	57	53	12	36	26	26	20	27	7	23	53	37	12	18	7	16	0
21	1	58	13	37	27	27	30	30	8	24	57	30	13	20	8	16	43
21	5	53	14	38	29	29	32	32	9	25	1	3	14	21	9	17	25
21	9	53	15	39	31	31	33	33	10	26	5	4	15	22	10	18	7
21	13	53	16	40	32	32	34	34	11	27	9	38	16	23	11	18	49
21	17	50	17	41	33	33	35	35	12	28	13	10	17	24	12	19	31
21	21	47	18	42	34	34	36	36	13	29	17	53	18	25	13	20	13
21	25	44	19	43	35	35	37	37	14	30	21	34	19	27	14	20	53
21	29	40	20	44	36	36	38	38	15	31	25	15	20	28	15	21	34
21	33	36	21	45	37	37	39	39	16	32	29	56	21	29	16	22	14
21	37	30	22	46	38	38	40	40	17	33	33	37	22	30	17	23	53
21	41	23	23	47	39	39	41	41	18	34	37	28	23	31	18	24	33
21	45	16	24	48	40	40	42	42	19	35	41	58	24	3	19	24	13
21	49	9	25	49	41	41	43	43	20	36	45	39	25	4	20	24	53
21	53	1	26	50	42	42	44	44	21	37	49	19	26	5	21	25	38
21	57	53	27	51	43	43	45	45	22	38	53	20	27	6	22	25	11
22	0	48	28	52	44	44	46	46	23	39	57	40	28	7	23	26	53
22	4	43	29	53	45	45	47	47	24	40	1	20	29	8	24	27	37
22	8	38	30	54	46	46	48	48	25	41	5	9	30	9	25	28	21

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INFLUENZA,**

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SWEATS,
DIFFICULTY OF BREATHING,
PAIN IN THE CHEST,
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